⇨ **AVC718 / AVC716**
16CH / 8CH MPEG-4 DVR
With DVD writer & mobile surveillance

⇨ **AVC717C / AVC715C**
16CH / 8CH MPEG-4 DVR
With CD writer

⇨ **AVC787 / AVC787D / AVC785 / AVC785D**
16CH / 8CH MPEG-4 DVR
With optional DVD writer

⇨ **AVC782A / AVC781**
4CH MPEG-4 DVR
With CD writer , IR Remote Control (AVC782A) & USB Backup

⇨ **AVC761 / AVC760**
4CH MPEG-4 DVR
Economical type

⇨ **AVC777 / AVC777WE (W/Ethernet)**
16CH WAVLET DVR (W/Audio)

⇨ **AVC776 / AVC776WE (W/Ethernet)**
9CH WAVLET DVR (W/Audio)

Digitize Your
Security Environment

With our guaranteed product quality and competitive pricing, AV TECH DVR products bring you the best advantage to digitize the security environment. Our digital products includes DVRs, independent disk arrays, multiplexer, and quad processors. For DVR series, our MPEG-4 DVRs set a milestone for global DVR market, and its mass production is well ahead of other competitors in this industry. This year, we are continuing the success of our outstanding MPEG4 product line with more advanced technology and functionality. Compared with PC-based DVRs, our standalone series of DVRs provide better system reliability and user-friendly interface. It also supports the network function to achieve the remote surveilance from your PC.

AVD718
16CH MPEG-4 DVR with DVD writer

AVD716
8CH MPEG-4 DVR with DVD writer

MPEG-4 DVR
High-end
Multiplex

Real time:
Real time MPEG-4 compression format
R.E.T.R:
Intelligent motion trigger recording and quick event search
Back Up:
DVD writer allows easy file back up
Multilingual OSD
Huge storage capacity
Mobile surveillance

⊞ Features

MPEG-4 compression format providing crystal clear images with real time performance	500GB can record more than 52 days (16CH, CIF Normal Quality, 60IPS)
MPEG-4 network transmitting format	Support Remote Event Trigger Recording
Support USB flash drive, network & DVD writer backup	MPEG-4 web transmitting compression format
Alarm trigger recording will send alerts with images to designated e-mail and FTP addresses	Support multi-language OSD
Supports pre-alarm recording (8MB)	Support covert screen for live display channels
Advanced motion detection function and convenient search function.	Support IR remote control, PTZ camera operations through RS-485, and PTZ
Allow live display, record, playback, backup, and network operations at the same time	Hot Point function
Remote surveillance up to 5 online users simultaneously with licensed software AP and IE browser	Support PELCO-D protocol
Independent remote operation	Ensure the authentication of recorded images with Watermark function
Support mobile surveillance via 3G & GPRS networks (require J2ME, MIDP2.0 protocol)	Support TCP/IP, PPPoE, DHCP and DDNS network connection
Support up to 3 HDD accommodation, or 2 HDD accommodation + independent disk array	Optional : Independent Disk Array; VGA Converter, SATA connector

⊞ SPECIFICATIONS

Video System	NTSC/ PAL (switchable)		Multiplex Operation	live display, record, playback, backup and network
Video Compression Format	MPEG-4		Independent Remote Operation	Yes
Video Input	**16 / 8** Channels. Composite video signal 1 Vp-p 75 BNC		Web Transmitting Compression Format	MPEG-4
Video Loop Out	**16 / 8** Channels. Composite video signal 1 Vp-p 75 BNC			
Video Output	Main Monitor Output : Composite video signal 1 Vp-p 75 BNC		Backup Device	
	Call Monitor Output : Composite video signal 1 Vp-p 75 BNC			USB flash drive backup; Network remote backup; DVD-RW drive backup
Maximum Recording Rate	Frame	16CH	720 x 480 pixels with 120 IPS NTSC / 720 x 576 pixels with 100 IPS PAL	Ethernet	10/100 Base-T. Support remote control and live view via Ethernet.
		8CH	720 x 480 pixels with 60 IPS NTSC / 720 x 576 pixels with 50 IPS PAL	Web Interface	Support licensed software AP and IE browser
	CIF	16CH	352 x 240 pixels with 480 IPS NTSC / 352 x 288 pixels with 400 IPS PAL	Remote Alarm Notification	E-mail images, and upload images to FTP site's specific account
		8CH	720 x 480 pixels with 60 IPS NTSC / 720 x 576 pixels with 50 IPS PAL	Network Connection	Support TCP/IP, PPPoE, DHCP and DDNS function
Adjustable Recording Speed	Frame	16CH	120, 60, 30, 15 IPS <NTSC> / 100, 50, 25, 12 IPS <PAL>	USB Interface	Front panel x 1, Rear panel x 1
		8CH	60, 30, 15, 7 IPS <NTSC> / 50, 25, 12, 6 IPS <PAL>	IR Transmitter	YES
	CIF	16CH	480, 240, 120, 60 IPS <NTSC> / 400, 200, 100, 50 IPS <PAL>	PTZ control	Support PELCO-D protocol
		8CH	240, 120, 60, 30 IPS <NTSC> / 200, 100, 50, 25 IPS <PAL>	Dwell Time (Sequential Channel Switch)	Programmable with adjustable dwell time
Image Quality Setting	Best, High, Normal and Basic			
Hard Disk Storage (IDE type, ATA66) (Over 500GB)	Accommodate 3 HDDs, or 2 HDDs plus 1 independent disk array HDDs and disk arrays are optional.		Alarm I/O	**16CH:** 16 inputs, 1 output ; **8CH**: 8 inputs, 1 output
			Pre-Alarm Recording	Yes (8MB)
HDD Quick Cleaning	Quick clean up the " index system" of the recorded files.? 500GB under 2 seconds		Picture Zoom	2X digital zoom
			Key Lock	Yes
Recording Mode	Manual / Timer / Motion / Alarm / Remote		Video Loss Detection	Yes
Watermark	Yes		Camera Title	Support up to 6 letters
Audio I/O	4 audio inputs, 2 audio outputs (Mono)		Video Adjustable	Hue / Color / Contrast / Brightness
R.E.T.R (Remote Event Trigger Recording)	Yes		Date Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY, and Off
			Daylight saving	Yes
Refresh Rate	**16CH:** 480 IPS for NTSC, 400 IPS for PAL **8CH:** 240 IPS for NTSC, 200 IPS for PAL		Power Source	DC 19V
			Power Consumption	<64W
Motion Detection Area	16 x12 grid per camera for all channels		Operating Temperature	10 ~ 40 (50 ~104)
Motion Detect Sensitivity	4 adjustable variables with precise calculation for motion detection		Dimensions (mm)	432mm (W) x 90mm (H) x 326mm (D)
Mobile Surveillance	Support mobile surveillance via 3G & GPRS networks (require J2ME, MIDP2.0 protocol)		System Recovery	System auto recovery after power reconnected
			Optional Peripherals	Independent disk array, VGA converter, SATA connector

Designs and specifications are subject to change without notice.

MPEG-4 DVR

AVD717C
16CH MPEG-4 DVR with CD writer

AVD715C
8CH MPEG-4 DVR with CD writer

⊞ Features

- MPEG-4 compression format providing crystal clear images with real time performance
- Support USB flash drive, network & CD writer backup
- Alarm trigger recording will send alerts with images to designated e-mail and FTP addresses
- Supports pre-alarm recording (8MB)
- Advanced motion detection function and convenient search function.
- Allow live display, record, playback, backup, and network operations at the same time
- Remote surveillance up to 5 online users simultaneously with licensed software AP and IE browser
- Independent remote operation
- 500GB can record more than 52 days (16CH, CIF Normal Quality, 60IPS)
- Support up to 3 HDD accommodation, or 2 HDD accommodation + independent disk array

- 500GB can record more than 28 days (8CH, Frame Best Quality, 30IPS)
- Support Remote Event Trigger Recording
- Support multi-language OSD
- Support covert screen for live display channels
- Support IR remote control, PTZ camera operations through RS-485, and PTZ Hot Point function
- Support PELCO-D protocol
- Ensure the authentication of recorded images with Watermark function
- Support TCP/IP, PPPoE, DHCP and DDNS network connection
- Optional : Independent Disk Array; VGA Converter, SATA connector

⊞ SPECIFICATIONS

Video System	NTSC/ PAL (switchable)		Multiplex Operation	live display, record, playback, backup and network	
Video Compression Format	MPEG-4		Independent Remote Operation	Yes	
Video Input	**16 / 8** Channels. Composite video signal 1 Vp-p 75 BNC		Web Transmitting Compression Format	Motion JPEG	
Video Loop Out	**16 / 8** Channels. Composite video signal 1 Vp-p 75 BNC				
Video Output	Main Monitor Output : Composite video signal 1 Vp-p 75 BNC		Backup Device	USB flash drive, network remote and CD writer backup	
	Call Monitor Output : Composite video signal 1 Vp-p 75 BNC		Ethernet	10/100 Base-T. Support remote control and live view via Ethernet.	
Maximum Recording Rate	Frame	16CH	720 x 480 pixels with 120 IPS NTSC / 720 x 576 pixels with 100 IPS PAL	Web Interface	Support licensed software AP and IE browser
		8CH	720 x 480 pixels with 60 IPS NTSC / 720 x 576 pixels with 50 IPS PAL	Remote Alarm Notification	E-mail images, and upload images to FTP site's specific account
	CIF	16CH	352 x 240 pixels with 480 IPS NTSC / 352 x 288 pixels with 400 IPS PAL	Network Connection	Support TCP/IP, PPPoE, DHCP and DDNS function
		8CH	720 x 480 pixels with 60 IPS NTSC / 720 x 576 pixels with 50 IPS PAL	USB Interface	Front panel x 1, Rear panel x 1
Adjustable Recording Speed	Frame	16CH	120, 60, 30, 15 IPS <NTSC> / 100, 50, 25, 12 IPS <PAL>	IR Transmitter	YES
		8CH	60, 30, 15, 7 IPS <NTSC> / 50, 25, 12, 6 IPS <PAL>	PTZ control	Support PELCO-D protocol
	CIF	16CH	480, 240, 120, 60 IPS <NTSC> / 400, 200, 100, 50 IPS <PAL>	Dwell Time	Programmable with adjustable dwell time
		8CH	240, 120, 60, 30 IPS <NTSC> / 200, 100, 50, 25 IPS <PAL>	(Sequential Channel Switch)	**16CH:** 16 inputs, 1 output ; **8CH:** 8 inputs, 1 output
Image Quality Setting	Best, High, Normal and Basic		Alarm I/O		
Hard Disk Storage (IDE type, ATA66) (Over 500GB)	Accommodate 3 HDDs, or 2 HDDs plus 1 independent disk array HDDs and disk arrays are optional.		Pre-Alarm Recording	Yes (8MB)	
			Picture Zoom	2X digital zoom	
HDD Quick Cleaning	Quick clean up the " index system" of the recorded files. 500GB under 2 seconds		Key Lock	Yes	
			Video Loss Detection	Yes	
Recording Mode	Manual Timer Motion Alarm Remote		Camera Title	Support up to 6 letters	
Watermark	Yes		Video Adjustable	Hue / Color / Contrast / Brightness	
Audio I/O	4 audio inputs, 2 audio outputs (Mono)		Date Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY, and Off	
R.E.T.R (Remote Event Trigger Recording)	Yes		Daylight saving	Yes	
			Power Source	DC 19V	
Refresh Rate	**16CH:** 480 IPS for NTSC, 400 IPS for PAL		Power Consumption	<64W	
	8CH: 240 IPS for NTSC, 200 IPS for PAL		Operating Temperature	10 ~ 40 (50 ~104)	
Motion Detection Area	16 x12 grid per camera for all channels		Dimensions (mm)	432mm (W) x 90mm (H) x 326mm (D)	
Motion Detect Sensitivity	4 adjustable variables with precise calculation for motion detection		System Recovery	System auto recovery after power reconnected	
Optional Peripherals	Independent disk array, VGA converter, SATA connector				

Designs and specifications are subject to change without notice.

IR Remote Control   **CD Backup**   **USB Flash Drive Backup**

MPEG 4

AVC782A
4CH MPEG-4 DVR
(W/ CD Writer)

USB Flash Drive Backup

MPEG 4

AVC781
4CH MPEG-4 DVR

⊞ Features

MPEG-4 compression format providing crystal clear images with real time performance.

Easy file backup with CD writer (AVC782A), USB flash drive and network remote recording Backup

500GB HDD can record more than 60 days. (4CH, CIF Best Quality, 30IPS)

Alarm trigger recording will send alerts with images to designated e-mail and FTP addresses.

Also support pre-alarm recording (8MB)

Advanced motion detection function and convenient search function.

Allows live display, record, playback, backup and network operations at the same time

IR remote control of DVR and PTZ cameras through RS-485 (AVC782A)

Web surveillance supports upto 5 online users

Support covert screen for live display channels

Support TCP/IP, PPPoE, DHCP and DDNS network connection

Support 2 audio-in, 1 audio-out to record sounds

Support multi-language OSD

Support manual / timer / motion / alarm / remote recording functions

Watermark function to ensures the authentication of the recorded images

⊞ SPECIFICATIONS

Video System	NTSC/ PAL (switchable)		Ethernet	10/100 Base-T. Support remote control and live view via Ethernet.
Video Compression Format	MPEG-4		Web Interface	Support licensed software AP, and IE browser
Video Input	4 Channels. Composite video signal 1 Vp-p 75　BNC		Remote Alarm Notification	E-mail images, and upload images to FTP site's specific account
Video Loop Out	4 Channels. Composite video signal 1 Vp-p 75　BNC		Network Connection	Support TCP/IP, PPPoE, DHCP and DDNS function
Video Output	Main Monitor Output : Composite video signal 1 Vp-p 75　BNC		USB Interface	Rear panel x 1
	Call Monitor Output : Composite video signal 1 Vp-p 75　BNC		PTZ control	Support PELCO-D protocol
Maximum Recording Rate	Frame	720 x 480 pixels with 30 IPS　NTSC　/ 720 x 576 pixels with 25 IPS　PAL	Dwell Time (Sequential Channel Switch)	Programmable with adjustable dwell time
	CIF	352 x 240 pixels with 120 IPS　NTSC　/ 352 x 288 pixels with 100 IPS　PAL		
Adjustable Recording Speed	Frame	30, 15, 7, 3 IPS <NTSC> / 25, 12, 6, 3 IPS <PAL>	Alarm I/O	4 inputs, 1 output
	CIF	120, 60, 30, 15 IPS <NTSC> / 100, 50, 25, 12 IPS <PAL>	Pre-Alarm Recording	Yes (8MB)
Image Quality Setting	Best, High, Normal and Basic		Picture Zoom	2X digital zoom (live mode)
Hard Disk Storage	IDE type, ATA66, supported HDD x 1, support HDD capacity over 500GB		Key Lock	Yes
HDD Quick Cleaning	Quick clean up the " index system" of the recorded files.		Video Loss Detection	Yes
	500GB under 2 seconds		Camera Title	Support up to 6 letters
Recording Mode	Manual / Timer / Motion / Alarm / Remote		Video Adjustable	Hue / Color / Contrast / Brightness
Watermark	Yes		Date Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY, and Off
Audio I/O	2 audio input, 1 audio output (Mono)		Daylight saving	Yes
Refresh Rate	120 IPS for NTSC, 100 IPS for PAL		Power Source	DC 19V
Multiplex Operation	live display, record, playback, backup and network		Power Consumption	<42W
Motion Detection Area	16 x12 grid per camera for all channels		Operating Temperature	10　～40　(50　～104　)
Motion Detect Sensitivity	4 adjustable variables with precise calculation for motion detection		Dimensions (mm)	AVC782A : 375mm (W) x 61mm (H) x 281mm (D)
Web Transmitting Compression Format	Motion JPEG			AVC781 : 343mm (W) x 59mm (H) x 223mm (D)
			System Recovery	System auto recovery after power reconnected
Backup Device	CD writer (AVC782A), network and USB flash drive		Optional Peripherals	VGA converter

MPEG-4 DVR

USB Flash Drive Backup **IR Remote Control**

AVC761
4CH MPEG-4 DVR

AVC760
4CH MPEG-4 DVR
(CIF: MPEG)

⊞ Features

MPEG-4 compression format providing crystal clear images with real time performance.

500GB HDD can record more than 90 days. (4CH, CIF Best Quality, 30IPS)

Alarm trigger recording will send alerts with images to designated e-mail and FTP address

Support pre-alarm recording (8MB)

Advanced motion detection function and convenient search function.

Allows live display, record, playback, backup and network operation at the same time

Web surveillance supports upto 5 online users

Backup files with USB flash drivr(AVC761 only) and network backup

Support covert screen for live display channels

IR remote control of DVR and PTZ cameras through RS-485 (AVC761 only)

Support TCP/IP, PPPoE, DHCP and DDNS network connection

Support multi-language OSD (AVC761 only)

Support manual / timer / motion / alarm / remote recording functions

Watermark function to ensures the authentication of the recorded images

⊞ SPECIFICATIONS

Video System	NTSC/ PAL (switchable)		Ethernet	10/100 Base-T. Support remote control and live view via Ethernet.
Video Compression Format	MPEG-4		Web Interface	Support licensed software AP, and IE browser
Video Input	4 Channels. Composite video signal 1 Vp-p 75　BNC		Remote Alarm Notification	E-mail images, and upload images to FTP site's specific account
Video Loop Out	4 Channels. Composite video signal 1 Vp-p 75　BNC		Network Connection	Support TCP/IP, PPPoE, DHCP and DDNS function
Video Output	Main Monitor Output : Composite video signal 1 Vp-p 75　BNC		USB Interface	Rear panel x 1 (AVC761 only)
	Call Monitor Output : Composite video signal 1 Vp-p 75　BNC		IR Transmitter	YES (AVC761 only)
Maximum Recording Rate	Frame	720 x 480 pixels with 30 IPS　NTSC　/ 720 x 576 pixels with 25 IPS　PAL	PTZ control	Support PELCO-D protocol
	CIF	352 x 240 pixels with 120 IPS　NTSC　/ 352 x 288 pixels with 100 IPS　PAL	Dwell Time (Sequential Channel Switch)	Programmable with adjustable dwell time
Adjustable Recording Speed	Frame	30, 15, 7, 3 IPS <NTSC> / 25, 12, 6, 3 IPS <PAL>		
	CIF	120, 60, 30, 15 IPS <NTSC> / 100, 50, 25, 12 IPS <PAL>	Alarm I/O	4inputs, 1 output
Image Quality Setting	Best, High, Normal and Basic		Pre-Alarm Recording	Yes(8MB)
Hard Disk Storage	IDE type, ATA66, support HDD x 1, HDD capacity over 500GB		Picture Zoom	2X digital zoom (live mode)
HDD Quick Cleaning	Quick clean up the " index system" of the recorded files.		Key Lock	Yes
	500GB under 2 seconds		Video Loss Detection	Yes
Recording Mode	Manual / Timer / Motion / Alarm / Remote		Camera Title	Support up to 6 letters
Watermark	Yes		Video Adjustable	Hue / Color / Contrast / Brightness
Audio I/O	1 audio input, 1 audio output (Mono)		Date Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY, and Off
Refresh Rate	120 IPS for NTSC, 100 IPS for PAL		Daylight saving	Yes
Multiplex Operation	live display, record, playback, backup,and network		Power Source	DC 19V
Motion Detection Area	16 x12 grid per camera for all channels		Power Consumption	<42W
Motion Detect Sensitivity	4 adjustable variables with precise calculation for motion detection		Operating Temperature	10　~ 40　(50　~104　)
Web Transmitting Compression Format	Motion JPEG		Dimensions (mm)	AVC761 : 345mm (W) x 68.3mm (H) x 225mm (D)
				AVC760 : 343mm (W) x 59mm (H) x 223mm (D)
Backup Device	AVC761 : USB flash drive, network backup		System Recovery	System auto recovery after power reconnected
	AVC760 : Network backup		Optional Peripherals	VGA converter

Design and specifications are subject to change without notice.

MPEG-4 DVR

D stands for built-in DVD writer

AVC787
16CH MPEG-4 DVR
AVC787D
16CH MPEG-4 DVR with DVD writer
AVC785
8CH MPEG-4 DVR
AVC785D
8CH MPEG-4 DVR with DVD writer

⊞ Features

MPEG-4 Compression format providing crystal clear images with real time performance
Support USB flash drive, network & DVD Writer backup*
Alarm trigger recording will send alerts with images to designated e-mail and FTP addresses
Supports pre-alarm recording (8MB)
Advanced motion detection function and convenient search function.
Allow live display, record, playback, backup, and network operations at the same time
upport remote surveillance up to 5 online users simultaneously with licensed software AP and IE browser
Support multi-language OSD

500GB can record more than 14 days (16CH, Frame Best Quality, 30IPS)
500GB can record more than 8 days (8CH, Frame Best Quality, 30IPS)
Support covert screen for live display channels
Support IR remote control, PTZ camera operations through RS-485, and PTZ Hot Point function
Support PELCO-D protocol
Ensure the authentication of recorded images with Watermark function
Support TCP/IP, PPPoE, DHCP and DDNS network connection

⊞ SPECIFICATIONS

Video System		NTSC/ PAL (switchable)	Web Transmitting Compression Format	Motion JPEG
Video Compression Format		MPEG-4		
Video Input		**16 / 8** Channels. Composite video signal 1 Vp-p 75 BNC	Backup Device	USB flash drive, network and DVD writer backup*
Video Loop Out		**16 / 8** Channels. Composite video signal 1 Vp-p 75 BNC	Ethernet	10/100 Base-T. Support remote control and live view via Ethernet.
Video Output		Main Monitor Output : Composite video signal 1 Vp-p 75 BNC	Web Interface	Support licensed software AP, and IE browser
		Call Monitor Output : Composite video signal 1 Vp-p 75 BNC	Remote Alarm Notification	E-mail images, and upload images to FTP site's specific account
Maximum Recording Rate	Frame 16CH	720 x 480 pixels with 120 IPS NTSC / 720 x 576 pixels with 100 IPS PAL	Network Connection	Support TCP/IP, PPPoE, DHCP and DDNS function
	8CH	720 x 480 pixels with 60 IPS NTSC / 720 x 576 pixels with 50 IPS PAL	USB Interface	Front panel x 1, Rear panel x 1
	CIF 16CH	352 x 240 pixels with 480 IPS NTSC / 352 x 288 pixels with 400 IPS PAL	IR Transmitter	YES
	8CH	720 x 480 pixels with 60 IPS NTSC / 720 x 576 pixels with 50 IPS PAL	PTZ control	Support PELCO-D protocol
Adjustable Recording Speed	Frame 16CH	120, 60, 30, 15 IPS <NTSC> / 100, 50, 25, 12 IPS <PAL>	Dwell Time (Sequential Channel Switch)	Programmable with adjustable dwell time
	8CH	60, 30, 15, 7 IPS <NTSC> / 50, 25, 12, 6 IPS <PAL>		
	CIF 16CH	480, 240, 120, 60 IPS <NTSC> / 400, 200, 100, 50 IPS <PAL>	Alarm I/O	**16CH:** 16 inputs, 1 output ; **8CH:** 8 inputs, 1 output
	8CH	240, 120, 60, 30 IPS <NTSC> / 200, 100, 50, 25 IPS <PAL>	Pre-Alarm Recording	Yes (8MB)
Image Quality Setting		Best, High, Normal, and Basic	Picture Zoom	2X digital zoom
Hard Disk Storage (IDE type, ATA66) (Over 500GB)		support HDD x 1 *D model : support HDD x 2	Key Lock	Yes
			Video Loss Detection	Yes
HDD Quick Cleaning		Quick clean up the " index system" of the recorded files. 500GB under 2 seconds	Camera Title	Support up to 6 letters
			Video Adjustable	Hue / Color / Contrast / Brightness
Recording Mode		Manual Timer Motion Alarm Remote	Date Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY and Off
Watermark		Yes	Daylight saving	Yes
Audio I/O		4 audio inputs, 2 audio outputs (Mono)	Power Source	DC 19V
Refresh Rate		**16CH:** 480 IPS for NTSC, 400 IPS for PAL **8CH:** 240 IPS for NTSC, 200 IPS for PAL	Power Consumption	16 / 8CH : <64W
			Operating Temperature	10 ~ 40 (50 ~104)
Multiplex Operation		live display, record, playback, backup and network	Dimensions (mm)	432mm (W) x 90mm (H) x 326mm (D)
Motion Detection Area		16 x12 grid per camera for all channels	System Recovery	System auto recovery after power reconnected
Motion Detect Sensitivity		4 adjustable variables with precise calculation for motion detection	Optional Peripherals	Independent disk array, VGA converter

Wavelet DVR

AVC777WE (W/ Ethernet)
AVC777
16CH WAVELET DVR

⊞ Features

Support remote control and Surveillance via the Internet   AVC777WE Only
Motion trigger recording function
Support 2 removable HDDs (over 250GB), IDE type
Wavelet compression format to replaces Time Lapse VCR + Multiplexer
Stand-alone design
4 Level video quality adjustable : Best / High / Normal / Basic
Support 4 / 7 / 9 / 10 / 13 / 16 channels multiplexing function
16 alarm input, one alarm output and alarm display
Quick multiple search by date/time/alarm
Security password protection

⊞ Specifications

Ethernet *AVC777WE Only*	10/100 Mbps. Support Remote Control and Surveillance via Ethernet
Remote Control *AVC777 Only*	RS-232 or RS-485
RS-232C / RS-485 (bps) *AVC777 Only*	115200 57600, 19200, 9600, 4800, 3600, 2400, 1200
Video format	NTSC/EIA or PAL/CCIR
Hard disk storage	IDE type, UDMA 66, support over 250GB HDD
Camera Input Signal & Loop Back	Composite video signal 1.0 Vp-p 75 BNC, 16 channels
Main & Call Monitor Output	Composite video signal 1.0 Vp-p 75 BNC
Audio input	4 audio inputs (RCA)
Audio output	2 audio outputs (RCA)
Motion Detection Area	15 * 12 targets per camera (NTSC) / 15 * 14 targets per camera (PAL)
Video Loss Detection	Yes
Refresh Rate	Up to 120 fields/sec. for NTSC / 100 fields/sec. for PAL
Recording Rate	Up to 25 fields/sec. for NTSC / 18 fields/sec. for PAL
Picture in Picture	Yes (Movable)
Picture Zoom	2*2 (Movable)
Video Adjustable	Color/ Contrast/ Brightness Adjustable
Alarm Input	TTL input, High (5V), Low (GND)
Alarm Output	COM,/N.O.
Power Source	AC100~240V 10% switching adaptor
Power Consumption	<45W
Operation Temperature	10 ~ 40 (50 ~104)
Dimension (mm)	432(W) x 110(H) x 325(D)
Gross Weight	8.2kg

Designs and specifications are subject to change without notice.

AVC776WE (W/ Ethernet)
AVC776

9CH Digital Video Recorder

⊞ Features

Support remote control and Surveillance via Internet   *AVC776WE Only*
Motion trigger recording function, which uses 15X12(NTSC) or
15X14(PAL) motion detection grids for each video channel
Support 1 removable HDD (over 250 GB), IDE type
Wavelet compression format to replace Time Lapse VCR + 9 CH multiplexer
Stand-alone design
4 Level video quality adjustable: Best / High / Normal / Basic
Support 9 channel multiplexing function
9 alarm inputs and one alarm output
Quick multiple search by date / time / alarm list
RS-232 and RS-485 communication protocol
Independent title setting (up to 6 characters) for each channel

⊞ Specifications

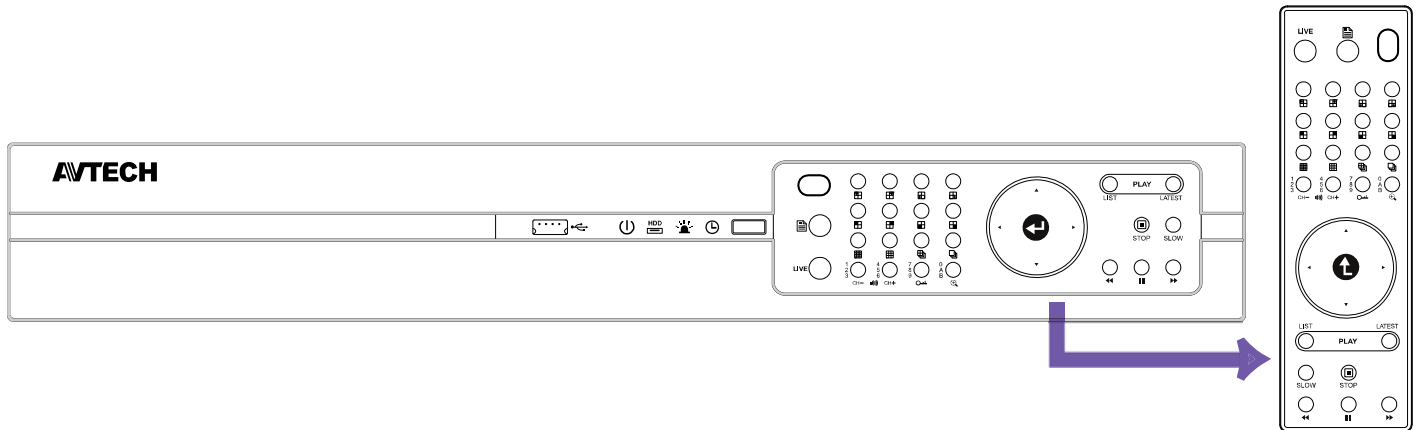|	
Ethernet *AVC776WE Only*	10/100 Mbps. Support Remote Control and Surveillance via Ethernet
Remote Control *AVC776 Only*	RS-232 or RS-485
RS-232C / RS-485 (bps) *AVC776 Only*	115200 57600 19200 9600 4800 3600 2400 1200
Video format	NTSC/EIA or PAL/CCIR
Hard disk storage	IDE type, UDMA 66, support over 250GB HDD
Record mode	Manual / Alarm / Timer / Motion
Camera Input Signal & Loop Back	Composite video signal 1.0 Vp-p 75 BNC, 9 channels
Main & Call Monitor Output	Composite video signal 1.0 Vp-p 75 BNC
Audio input	4 audio inputs (RCA)
Audio output	2 audio outputs (RCA)
Motion Detection Area	15 * 12 targets per camera (NTSC) / 15 * 14 targets per camera (PAL)
Motion Detection Sensitivity	256 Levels
Video Loss Detection	Yes
Refresh Rate	Up to 120 fields/sec. for NTSC / 100 fields/sec. for PAL
Recording Rate	Up to 25 fields/sec. for NTSC / 18 fields/sec. for PAL
Dwell Time	Programmable (1~10 Sec)
Picture in Picture	Yes (Movable)
Picture Zoom	2*2 (Movable)
Video Adjustable	Color/ Contrast/ Brightness Adjustable
Alarm Input	TTL input, High (5V), Low (GND)
Alarm Output	COM,/N.O.
Time Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY, OFF
Power Source	AC100~240V 10% switching adaptor
Power Consumption	<32W
Operation Temperature	10 ~ 40 (50 ~104)
Dimension (mm)	430(W) x 65(H) x 300(D)
Gross Weight	6.55 kg

KPD616

MPEG-4 DVR (16CH)

● Features

➢ **MPEG-4 Web Transmission**
  MPEG-4 web transmitting compression format for faster transmission and clearer images via network

➢ **Flexible Function Control Solution With Removable Control Panel**
  The control panel can be removed and used as a remote controller

➢ **Graphical OSD Interface**
  Graphical OSD Interface for easier and more friendly usage

➢ **Multiplex Operation**
  Allow live display, record, playback, backup, and network operations at the same time

➢ **Free Upgrade to Advanced Functions**
  Allow you to upgrade DVR functions without any charges

➢ **Long Recording Time**
  500GB can record around 35 days (16CH, CIF, Normal Quality, 120 IPS)

➢ **Backup Function**
  Support file backup via a USB flash drive and network. A CD-RW or DVD-RW drive is optional.

➢ **Remote Surveillance**
  Support remote surveillance up to 5 users simultaneously with licensed software AP and IE browser

➢ **Intelligent Motion Trigger Recording**
  ・R.E.T.R. (Remote Event Trigger Recording)
  ・With the advanced functions of motion detection, scheduled motion detection recording (4 different adjustable factors for motion detection sensitivity) and quick search, customized security environments are achieved
  ・Support pre-alarm recording (8MB)

➢ **Covert Recording**
  A mask replaces the live image with a blank screen and the monitor shows nothing, but the recording is still on

➢ **A/V Support**
  ・Support 4 audio-in, 1 audio-out to record sounds

➢ **General Function**
  ・System auto recovery after power reconnected
  ・Daylight saving function
  ・Manual / timer / motion / alarm / network recording
  ・Watermark to ensure the authentication of recorded images
  ・TCP/IP, PPPoE, DHCP and DDNS network connection

● Removable Control Panel

The control panel can be removed and used as a remote controller.

● Specification

	KPD616
Video System	NTSC / PAL (auto switchable)
Video Compression Format	MPEG-4
Video Input (Composite video signal 1 Vp-p 75Ω BNC)	16 Channels
Video Output	Main Monitor Output: Composite video signal 1 Vp-p 75Ω BNC
Maximum Recording Rate (Frame)	720×480 pixels with 30 IPS <NTSC> / 720×576 pixels with 25 IPS <PAL>
Maximum Recording Rate (CIF)	352×240 pixels with 120 IPS <NTSC> / 352×288 pixels with 100 IPS <PAL>
Adjustable Recording Speed (Frame)	30, 15, 7, 3 IPS <NTSC> / 25, 12, 6, 3 IPS <PAL>
Adjustable Recording Speed (CIF)	120, 60, 30, 15 IPS <NTSC> / 100, 50, 25, 12 IPS <PAL>
Multilingual OSD	YES
Image Quality Setting	Best / High / Normal / Basic
Hard Disk Storage	**Accommodate 2 HDDs (HDDs are optional)**
HDD Quick Cleaning	Quick clean up the "index system" of the recorded files (750GB under 2 seconds)
Recording Mode	Manual / Timer / Motion / Alarm / Remote
Watermark	YES
Refresh Rate	480 IPS for NTSC / 400 IPS for PAL
Multiplex Operation	Pentaplex: live display, record, playback, backup and network
Audio I/O	4 audio inputs, 1 audio output (Mono)

	KPD616
R.E.T.R. **(Remote Event Trigger Recording)**	**YES**
Motion Detection Area	16 × 12 grids per camera for all channels
Motion Detection Sensitivity	4 adjustable variables with precise calculation for motion detection
Pre-alarm Recording	Yes (8 MB)
Backup Device	**1. USB flash drive; 2. Network**
Optional Backup Device	CD-RW or DVD-RW drive
USB Interface	Front panel * 1
Web Transmission Compression Format	**MPEG-4**
Ethernet	10/100 Base-T. Support remote control and live view via Ethernet
Web Interface	Support licensed software AP and IE browser
Remote Alarm Notification	YES
Network Protocol	TCP/IP / PPPOE / DHCP / DDNS
IR Transmitter	YES
Alarm I/O	16 inputs, 1 output
Picture Zoom	2X digital zoom (live only)
Key Lock	YES
Video Loss Detection	YES
Camera Title	Support up to 6 letters
Video Adjustable	Hue / Color / Contrast / Brightness
Date Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY, and OFF
Daylight Saving	YES
Power Source	DC 19V
Power Consumption	<64 W
Operating Temperature	10℃ ~ 40℃ (50℉~104℉)
Dimensions (mm)	430mm (W) × 65mm (H) × 300mm (D)
System Recovery	System auto recovery after power reconnected

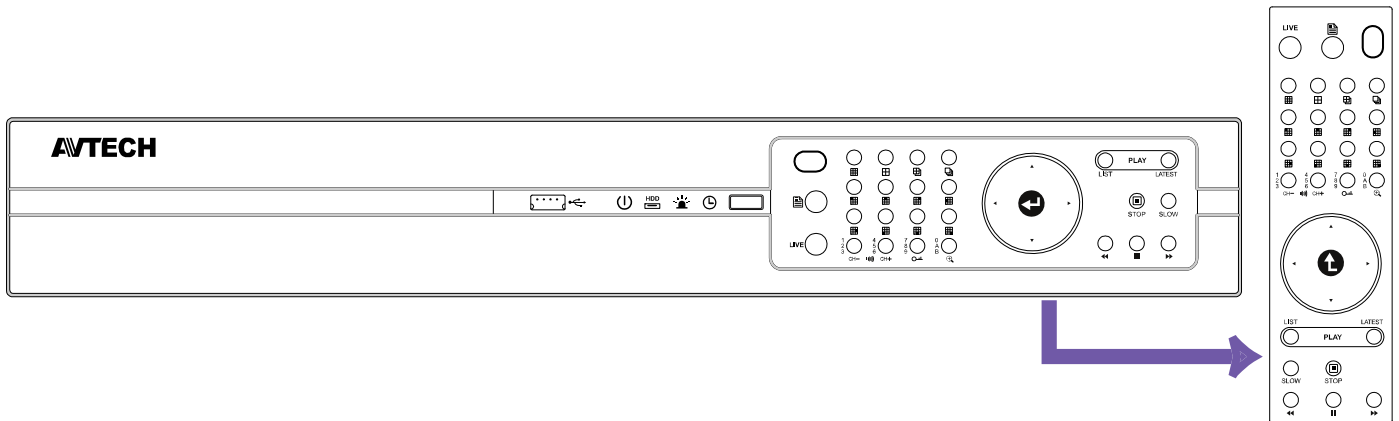* The specifications are subject to change without notice.

KPD608

MPEG-4 DVR (8CH)

● Features

➢ **MPEG-4 Web Transmission**
MPEG-4 web transmitting compression format for faster transmission and clearer images via network

➢ **Flexible Function Control Solution With Removable Control Panel**
The control panel can be removed and used as a remote controller

➢ **Graphical OSD Interface**
Graphical OSD Interface for easier and more friendly usage

➢ **Multiplex Operation**
Allow live display, record, playback, backup, and network operations at the same time

➢ **Free Upgrade to Advanced Functions**
Allow you to upgrade DVR functions without any charges

➢ **Long Recording Time**
500GB can record around 70 days (8CH, CIF, Normal Quality, 120 IPS)

➢ **Backup Function**
Support file backup via a USB flash drive and network. A CD-RW or DVD-RW drive is optional.

➢ **Remote Surveillance**
Support remote surveillance up to 5 users simultaneously with licensed software AP and IE browser

➢ **Intelligent Motion Trigger Recording**
・R.E.T.R. (Remote Event Trigger Recording)
・With the advanced functions of motion detection, scheduled motion detection recording (4 different adjustable
  factors for motion detection sensitivity) and quick search, customized security environments are achieved
・Support pre-alarm recording (8MB)

➢ **Covert Recording**
A mask replaces the live image with a blank screen and the monitor shows nothing, but the recording is still on

➢ **A/V Support**
・Support 4 audio-in, 1 audio-out to record sounds

➢ **General Function**
・System auto recovery after power reconnected
・Daylight saving function
・Manual / timer / motion / alarm / network recording
・Watermark to ensure the authentication of recorded images
・TCP/IP, PPPoE, DHCP and DDNS network connection

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● Removable Control Panel

The control panel can be removed and used as a remote controller.

● Specification

	KPD608
Video System	NTSC / PAL (auto switchable)
Video Compression Format	MPEG-4
Video Input (Composite video signal 1 Vp-p 75Ω BNC)	8 Channels
Video Output	Main Monitor Output: Composite video signal 1 Vp-p 75Ω BNC
Maximum Recording Rate (Frame)	720×480 pixels with 30 IPS <NTSC> / 720×576 pixels with 25 IPS <PAL>
Maximum Recording Rate (CIF)	352×240 pixels with 120 IPS <NTSC> / 352×288 pixels with 100 IPS <PAL>
Adjustable Recording Speed (Frame)	30, 15, 7, 3 IPS <NTSC> / 25, 12, 6, 3 IPS <PAL>
Adjustable Recording Speed (CIF)	120, 60, 30, 15 IPS <NTSC> / 100, 50, 25, 12 IPS <PAL>
Multilingual OSD	YES
Image Quality Setting	Best / High / Normal / Basic
Hard Disk Storage	**Accommodate 2 HDDs (HDDs are optional)**
HDD Quick Cleaning	Quick clean up the "index system" of the recorded files (750GB under 2 seconds)
Recording Mode	Manual / Timer / Motion / Alarm / Remote
Watermark	YES
Refresh Rate	240 IPS for NTSC / 200 IPS for PAL
Multiplex Operation	Pentaplex: live display, record, playback, backup and network
Audio I/O	4 audio inputs, 1 audio output (Mono)

	KPD608
R.E.T.R. **(Remote Event Trigger Recording)**	**YES**
Motion Detection Area	16 × 12 grids per camera for all channels
Motion Detection Sensitivity	4 adjustable variables with precise calculation for motion detection
Pre-alarm Recording	Yes (8 MB)
Backup Device	**1. USB flash drive; 2. Network**
Optional Backup Device	CD-RW or DVD-RW drive
USB Interface	Front panel * 1
Web Transmission Compression Format	**MPEG-4**
Ethernet	10/100 Base-T. Support remote control and live view via Ethernet
Web Interface	Support licensed software AP and IE browser
Remote Alarm Notification	YES
Network Protocol	TCP/IP / PPPOE / DHCP / DDNS
IR Transmitter	YES
Alarm I/O	8 inputs, 1 output
Picture Zoom	2X digital zoom (live only)
Key Lock	YES
Video Loss Detection	YES
Camera Title	Support up to 6 letters
Video Adjustable	Hue / Color / Contrast / Brightness
Date Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY, and OFF
Daylight Saving	YES
Power Source	DC 19V
Power Consumption	＜64 W
Operating Temperature	10℃ ~ 40℃ (50℉~104℉)
Dimensions (mm)	430mm (W) × 65mm (H) × 300mm (D)
System Recovery	System auto recovery after power reconnected

* The specifications are subject to change without notice.

KPD604

MPEG-4 DVR (4CH)

● Features

➢ **MPEG-4 Web Transmission**
MPEG-4 web transmitting compression format for faster transmission and clearer images via network

➢ **Flexible Function Control Solution With Removable Control Panel**
The control panel can be removed and used as a remote controller

➢ **Graphical OSD Interface**
Graphical OSD Interface for easier and more friendly usage

➢ **Multiplex Operation**
Allow live display, record, playback, backup, and network operations at the same time

➢ **Free Upgrade to Advanced Functions**
Allow you to upgrade DVR functions without any charges

➢ **Long Recording Time**
500GB can record around 140 days (4CH, CIF, Normal Quality, 120 IPS)

➢ **Backup Function**
Support file backup via a USB flash drive and network.

➢ **Remote Surveillance**
Support remote surveillance up to 5 users simultaneously with licensed software AP and IE browser

➢ **Intelligent Motion Trigger Recording**
・R.E.T.R. (Remote Event Trigger Recording)
・With the advanced functions of motion detection, scheduled motion detection recording (4 different adjustable factors for motion detection sensitivity) and quick search, customized security environments are achieved

➢ **Covert Recording**
A mask replaces the live image with a blank screen and the monitor shows nothing, but the recording is still on

➢ **A/V Support**
・Support 1 audio-in, 1 audio-out to record sounds

➢ **General Function**
・System auto recovery after power reconnected
・Daylight saving function
・Manual / timer / motion / alarm / network recording
・TCP/IP, PPPoE, DHCP and DDNS network connection

● Removable Control Panel

The control panel can be removed and used as a remote controller.
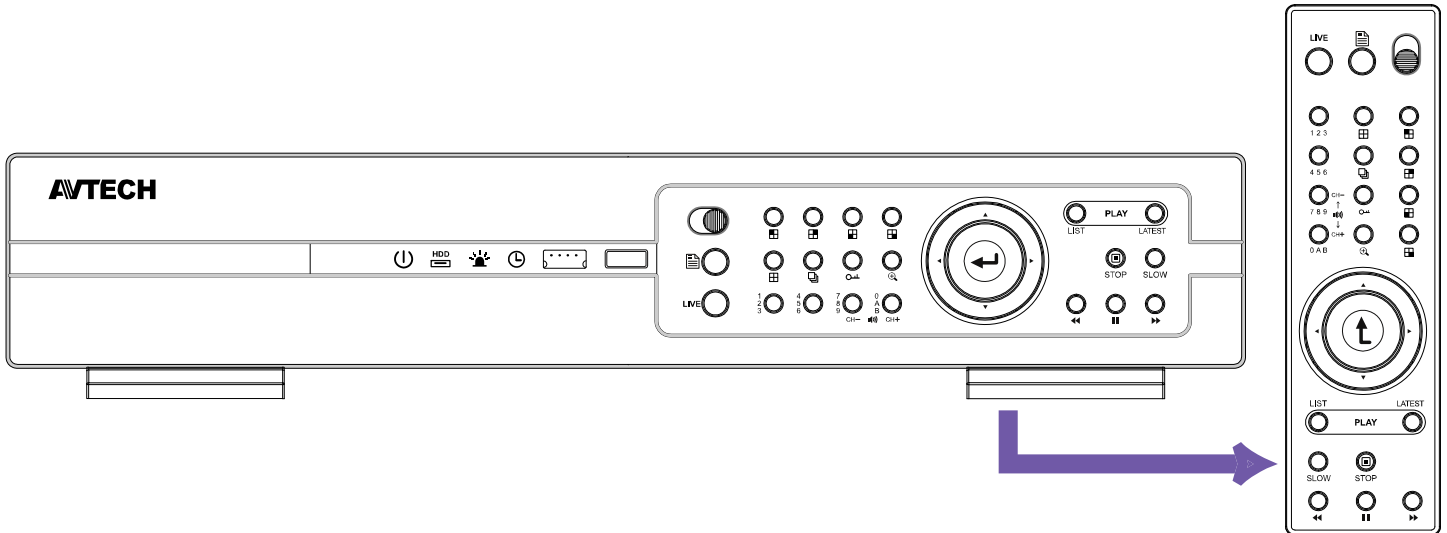
● Specification

	KPD604
Video System	NTSC / PAL (auto switchable)
Video Compression Format	MPEG-4
Video Input (Composite video signal 1 Vp-p 75Ω BNC)	4 Channels
Video Output	Main Monitor Output: Composite video signal 1 Vp-p 75Ω BNC
Maximum Recording Rate (Frame)	720×480 pixels with 30 IPS <NTSC> / 720×576 pixels with 25 IPS <PAL>
Maximum Recording Rate (CIF)	352×240 pixels with 120 IPS <NTSC> / 352×288 pixels with 100 IPS <PAL>
Adjustable Recording Speed (Frame)	30, 15, 7, 3 IPS <NTSC> / 25, 12, 6, 3 IPS <PAL>
Adjustable Recording Speed (CIF)	120, 60, 30, 15 IPS <NTSC> / 100, 50, 25, 12 IPS <PAL>
Multilingual OSD	YES
Image Quality Setting	Best / High / Normal / Basic
Hard Disk Storage	**Accommodate 1 HDD (The HDD is optional)**
HDD Quick Cleaning	Quick clean up the "index system" of the recorded files (750GB under 2 seconds)
Recording Mode	Manual / Timer / Motion / Alarm / Remote
Refresh Rate	120 IPS for NTSC / 100 IPS for PAL
Multiplex Operation	Pentaplex: live display, record, playback, backup and network
Audio I/O	1 audio input, 1 audio output (Mono)

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	KPD604
R.E.T.R. **(Remote Event Trigger Recording)**	**YES**
Motion Detection Area	16 × 12 grids per camera for all channels
Motion Detection Sensitivity	4 adjustable variables with precise calculation for motion detection
Backup Device	**1. USB flash drive; 2. Network**
USB Interface	Front panel * 1
Web Transmission Compression Format	**MPEG-4**
Ethernet	10/100 Base-T. Support remote control and live view via Ethernet
Web Interface	Support licensed software AP and IE browser
Remote Alarm Notification	YES
Network Protocol	TCP/IP / PPPOE / DHCP / DDNS
IR Transmitter	YES
Alarm I/O	4 inputs, 1 output
Picture Zoom	2X digital zoom (live only)
Key Lock	YES
Video Loss Detection	YES
Camera Title	Support up to 6 letters
Video Adjustable	Hue / Color / Contrast / Brightness
Date Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY, and OFF
Daylight Saving	YES
Power Source	DC 19V
Power Consumption	＜42 W
Operating Temperature	10℃ ~ 40℃ (50℉~104℉)
Dimensions (mm)	343mm (W) × 59mm (H) × 223mm (D)
System Recovery	System auto recovery after power reconnected

* The specifications are subject to change without notice.

AVP321
1/3" SONY Speed Dome Camera
(W/ Pan / Tilt / 22X Zoom)

AVP311
1/3" SONY Speed Dome Camera
(W/ Pan / Tilt / 3X Zoom)

SPEED DOME
(with Pan / Tilt / Zoom Control)

This series of products has two models for your selection. The first one is AVP311, which is equipped with a high-quality 3X zoom lens. The second model is AVP321, which is positioned as a more high-end product. It has a 22 X optical zoom lens, which helps assuring the slightest movement in the video clip.

⊞ FUNCTION

MODEL	AVP321	AVP311
White Balance	ATW	
BLC	On / Off	
Sharpness	Sharpness/Normal/Soft	
Gain Control	On (Low, Mid, High) / Off	

⊞ SPECIFICATIONS

MODEL	AVP321	AVP311
Pick-up Element	1/3" SONY Color Super HAD CCD	1/3" SONY Color Super HAD CCD
Number of Pixels	768(H) x 494(V)<NTSC> / 752(H) x 582(V)<PAL>	
Resolution	480TV lines	
Min. Illumination	1 Lux / F1.6	1.5 Lux / F2.6
S/N Ratio	More than 48dB(AGC off)	
Electronic Shutter	1/60(1/50) to 1/100,000 sec.	
AE Control	Auto	
Lens Type	22X Optical Zoom (3.9~85.9mm)	3X Optical Zoom (4.2~12.7mm)
Viewing Angle	4°~ 80°	26.7°~ 80°
BLC	On / Off	
Gain Control	On (Low. Mid. High) / Off	
Sharpness	Sharpness / Normal / Soft	
White Balance	ATW	
Picture Effects	Mirror on / off	
Video Output	1.0 Vp-p. 75	
Zoom Speed	Approx. 3s (Tele/Wide)	Approx. 2s (Tele/Wide)
F-number	F2.6(Wide)~4.3(Tele)	
Focal Lenth	3.9~85.9mm	4.2~12.7mm
Color Gain	Colorful / Normal / Light Selectable	
Auto Focus	N/A / Manual / Auto	
Auto Mode	Sequence / Auto pan	
Camera ID	Preset ID (8 characters)	
Preset Points	256 preset points	16 preset points
Pan Range	360°	
Pan Angle Setting	Possible (in auto-pan mode)	
Tilt Range	90°	
Tilt Mode	Manual / Sequential Position / Auto Pan	
Video Adjustment	Brightness, Contrast, Saturation and Hue	
Dust Resistance	Yes	
Vandal Resistance	Yes	
Operating Temperature	0° C ~ 35° C (32° F ~ 95° F)	
Power Source	DC12V ± 10%	
Current Consumption	1.25A	1A
Dimension (mm)	145 ( ) x 187 (H) mm (± 5mm)	D134mm x H122mm
Gross Weight (g)	Approx. 1.2 kg	700g

[1] Please use regulated adaptor (DC12V/500mA).

Controller

OVERVIEW

FULL – FUNCTIONALITY
One controller controls all devices

This product is compatible with all our PTZ cameras, DVR, and lighting system products.

FEATURES

- Control all devices through one keyboard controller
  (Devices such as PTZ cameras, DVR and lighting system products…etc.)
- Provides precise PTZ camera control with joystick
- Jog / shuttle for playback control and menu navigation
- Control up to 64 devices from one keyboard controller
- Use RS-485 signal
- Preset position and pattern control
- Built-in speaker for broadcast function

SPECIFICATION

Multi-function Controller	
Input Voltage	DC12V
Power Consumption	5W
Device Control	PTZ camera, DVR and lighting system product
Protocols	Pelco-D, Pelco-P. AVTECH
Remote Control	RS485
Baud Rate	2400 ~ 115200
LCD Display	240 × 128 pixels
Integration	Up to 4 keyboard cascading connections
Auto Surveillance	Position / Tour / Auto Pan
Operating Humidity	< 95%
Operating Temperature	0℃ ~ + 40℃
Dimension (mm)	324 (L) × 237 (W) × 98 (H)

Video Web Server

MPEG-4 / JPEG
Real Time

AVC733
MPEG-4 Video Web Server

AVC732E
2CH JPEG Video Web Server

⊞ FEATURES

	AVC733	AVC732E
Support MPEG4 compression format for real-time video stream	◎	JPEG
Compression format (MPEG4 / JPEG) is selectable for different network bandwidth and applications	◎	-
Support video/audio recording	◎	-
Support alarm / motion trigger recording	◎	◎
Adjustable motion detect sensitivity	◎	-
Whenever alarm system triggered, video streaming or pictures will be uploaded over FTP, email as an instant notification.	◎	◎
Support GPRS system for remote surveillance with mobile phone	◎	◎
Support static IP, PPPOE, and DHCP for network connection	◎	◎
Support DDNS and function as a router	◎	◎
Support NTSC/PAL system (auto detect video input signals)	◎	◎
Support video access by APs (software) or HTML pages (IE explorer)	◎	◎
Full event record list for easy search and quick playback	◎	◎
Support schedule recording	◎	◎
Support multiple user access levels with security protection	◎	◎
Support multiple on-line users	up to 10 users	up to 5 users
Support watch dog function for automatic network reconnection.	◎	◎
ANR will reactivate recording function automatically when network is reconnected	◎	◎
Easy to upgrade firmware	◎	◎

⊞ SPECIFICATIONS

MODEL	AVC733	AVC732E
Video Input	1 channel for analog & digital products, 1.0 Vp-p 75 composite, BNC	2 Channels for analog & digital products, 1.0 Vp-p, 75, Composite, BNC
Audio Input	1 channel audio input	N/A
Alarm Input	2 input / 1 output	4 Input / 2 Output
Watch Dog	Yes	
RS-485 Port	Yes	
Network Interface	Ethernet (10/100 Base-T)	
Image Compression	MPEG-4 / JPEG	JPEG
Video Adjustment	Brightness, Contrast, Saturation, and Hue	
Protocols	TCP/IP, ICMP, SMTP, FTP, HTTP, DHCP, DDNS, PPPOE, SNTP	
Resolution	704x480, 352x240 (NTSC) / 704x576, 352x288 (PAL)	
Performance	Video through put : Up to 30(NTSC), 25(PAL) frames/ second	
Motion Trigger Recording	Yes	N/A
Motion Detection	3 adjustable factors	N/A
Trigger & Action	Triggered by GPIO Input, Action: E-mail video/images or video/images upload to FTP site's specific accounts	
Installation	Assign static/dynamic IP address, additional router is not necessary	
Security	Password protection	
Power Source	DC 12V	
Current Consumption	500 mA	

* Watch Dog Function can keep Video Web Server to work normally and to avoid this apparatus to be down.

iR Pro
True D&N Camera
Professional IR Camera

SONY? Panasonic?
For the same performance but incredible price
CAN ANYONE BEAT iR^{Pro} ?

What Is Special?

- **Built-in Mechanical IR Filter Shift**
  - >> Object remains in focus no matter day & night
  - >> True color performance
- **Smart Light Control Software Design**
  - >> Smart light control to avoid overexposure
- **Special Large Aperture Lens(F1.4 / F1.2)**
  - >> f6.0 / 8.0 / 12.0 Lens selectable
- **Excellent ID Design**
  - >> Optimal IR heat treatment solution
  - >> Lightning-proof

Patent Mechanical IR Filter Shift
(to get true color and clear images):
In the daytime, "True Color" is presented because the camera receives the same visible light as human beings can see.
At night, "IR Filter Shift" control will allow the camera CCD to receive all the light for clearer images. With the help of the large aperture lens, the sensor sensitivity and image brightness are raised up.

Conventional — Color shift
AVM Series — True color

Smart Light Control
(Dynamic adjustment for clear and accurate image):
"CDS" and "Image Comparision Software" are both used to adjust the brightness of IR LEDs for better IR LED controlling. One object can be seen clearly without overexposure even if it is close to the camera.

Conventional — Overexposure
AVM Series — Clear image

Large Aperture Lens
(F1.4 / F1.2 lens can get colorful image under low illumination):
The amount of light passing through the lens for IRpro cameras is more than other IR cameras. Therefore, IR LEDs do not need to be always on for night surveillance. It helps to reduce the power consumption, and extend the lifetime of IRpro cameras.

Conventional — B / W
AVM Series — Colorful

Longer IR Effective Distance
Different IR projection angles are available based on the aperture lens you use.

Conventional — Blur at far end
AVM Series — Clear at far end

AVM208 Outdoor IR Cam.
102 IR LEDs
AVTECH
Heat Conductive Design
Outdoor Type | Water Proof | IR Shift | IR effective Distance 50M

AVM206 Outdoor IR Dome Cam.
36 IR LEDs
Outdoor Type | Water Proof | IR Shift | Vandal Proof | IR effective Distance 30M

AVM157A Outdoor IR Camera
AVM157 Indoor IR Camera
24 IR LEDs
AVTECH

AVC157A: Outdoor Type | Water Proof | IR Shift | IR effective Distance 20M
AVC157: Indoor Type | Line Lock | IR Shift | IR effective Distance 20M

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Outdoor IR Camera

AVM208
102 LEDs Outdoor IR Camera

AVM206
36 LEDs Outdoor IR Camera

⊞ FUNCTION

MODEL	AVM208	AVM206
IR LED Design	102 LEDs	36 LEDs
Water Proof	Yes	
Outdoor Type	Yes	
IR Effective Distance	Over 50M	Over 30M

⊞ SPECIFICATIONS

MODEL	AVM208	AVM206
Pick-up Element	1/3" SONY Color Super HAD CCD image sensor	
Number of Pixels	510(H)x492(V) <NTSC> / 500(H)x582(V) <PAL>	
Min. Illumination	0.36 Lux / F1.2 (IR LED OFF)	0.5 Lux / F1.4 (IR LED OFF)
S/N Ratio	More than 48dB (AGC off)	
Lens	f6.0 mm / f8.0 mm / f12.0 mm	f6.0 mm / f8.0 mm
Lens Angle	56° / 42° / 28°	56° / 42°
Line lock	Build-in	
Video Output	1.0 Vp-p composite, 75	
Power Souece	AC100V~240V 10%	
Power Consumption	25 W	550 mA
Dimension (mm)	250 (L) x 137 (W) x 114 (H)	130mm (Ø) x 125mm (H)
Gross Weight (g)	1.92kg	759g
Water Resistance	Yes	
Operating Temperature	- 20 C~ 40 C (- 4 F~104 F)	
IR LED Control	Smart Light Control	
D&N Filter Control	Auto IR Shifter	

Design and specifications are subject to change without notice.

AVM157A
24 LEDs Outdoor IR Camera
AVM157
24 LEDs indoor IR Camera

AVM157A

Outdoor Type	Water Proof	IR Shift	IR effective Distance 20M

AVM157

Indoor Type	Line Lock	IR Shift	IR effective Distance 20M

⊞ FUNCTION

MODEL	AVM157A	AVM157
IR LED Design	24 LEDs	24 LEDs
Line Lock	–	Yes
Outdoor Type	Yes	–
IR Effective Distance	20M	20M

⊞ SPECIFICATIONS

MODEL	AVM157A	AVM157
Pick-up Element	1/3" SONY Color Super HAD CCD image sensor	
Number of Pixels	510(H)x492(V) <NTSC> / 500(H)x582(V) <PAL>	
Min. Illumination	0.25 Lux / F1.4	
S/N Ratio	More than 48dB (AGC off)	
Lens	f6.0mm / F1.4, f8.0mm / F1.4	
Lens Angle	54 / 42	
Line lock	–	Yes
D&N Filter Control	Built-in IR Shifter	
Iris Mode	AES	
White Balance	ATW	
Video Output	1.0 Vp-p composite, 75	
Power Souece	DC12V	AC100V~240V 10%
Power Consumption	Max. 400mA	Max. 5W
Dimension (mm)	112 (L) x 82 (W) x 75 (H)	
Gross Weight (g)	598 Kg	
IP Rating	IP67	

Design and specifications are subject to change without notice.

⟹ **AVC985/ AVC986**
Vandal Proof Dome Camera
No worry for impact or damage from burglar; ideal for rough environments
and provide excellent performance

⟹ **AVC509/ AVC569/ AVC568/ AVC561R/ AVC565R/
AVC521**
Regular Camera
Designed for general purposes to guard your security

⟹ **AVC903 / AVC904**
Vari-focal Dome Camera
Stylish design with a vari-focal lens built-in to provide users different
surveillance solution

⟹ **AVC843**
Smoke Detector Camera
Deliver clear and sharp pictures for discreet surveillance

⟹ **AVC508A/ AVC508/ AVC563HR/ AVC562HR/ AVC563R/
AVC562R/ AVC562A/ AVC522**
Dome Camera
Can be easily installed to the ceiling or mounted to the wall

⟹ **AVC566/ AVC526**
Mini Camera
Designed for various applications and discreet surveillance.

⟹ **AVC826**
PIR Camera
Good solution for both CCTV & alarm surveillances.

⟹ **ACC667R/ AVC647/ AVC527**
IR Camera
Designed with infrared LEDs for operating under low light circumstances

⟹ **AVC567S**
Bullet Camera
This weatherproof camera in a stylish and attractive waterproof housing is
the best solution for commercial and residential applications

⟹ **AVC301D/ AVC302A/ AVC306/ AVC307R/ AVC307**
B/W Camera
Module for covert camera application

⟹ **AVC206/ AVC426/**
Board Camera
Module for covert camera application.

Color &
B/W CCD Camera

In Color & B/W CCD Camera series, you will find the newest products & bestsellers, such as PIR Camera, Vandal Proof Dome Camera, Vari-Focal Dome Camera, Dome Camera with Infrared LEDs, High Resolution Camera, Mini Camera, weatherproof IR Camera and Bullet Camera, etc.

Hereby, we would like to bring you the product selection guide and hope it is helpful for you.

AVC986
1/3" SONY H.R. Color Vandal Proof Dome Camera

AVC985
1/3" SONY Color Vandal Proof Dome Camera

3-Axis

← Install on wall

Install on ceiling ⇒

Advanced Function For Easy Installation

⊞ FUNCTION

MODEL	AVC986	AVC985
Iris Mode	AES	
White Balance	ATW	
BLC	On	
Gain Control	Auto	

⊞ SPECIFICATIONS

| MODEL	AVC986	AVC985
Pick up Element	1/3" SONY Color Super HAD CCD image sensor	
Number of Pixel	768(H)x494(V) <NTSC> 752(H)x582(V) <PAL>	510(H)x492(V) <NTSC> 500(H)x582(V) <PAL>
Resolution	520 TV lines	350 TV lines
Min. Illumination	1Lux / F2.0	0.5Lux / F2.0
S/N Ratio	More than 52dB (AGC off)	More than 48dB (AGC off)
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.	
Lens	f3.6 mm/F2.0	
Lens Angle	92	
Adjustment Range	Panning: 180 ; Tilting: 180 ; Rotating: 170	
CRLESS	On	N/A
Vandal Resistance	IPXX7	
Video Output	1.0Vp-p composite, 75	
Power Source	DC12V 10% regulated	
Current Consumption	160mA	90mA
Dimension (mm)	93.4(∅) x 69(H)	
Gross Weight	357g	

Regular Camera

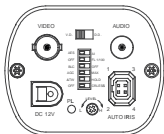**AVC509 /AVC569 /AVC568**
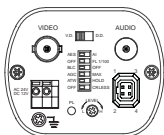*1/3" High Resolution CCD Camera*

Lens Optional
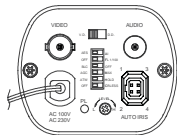
AC100V / 230V
For AVC509 /AVC569
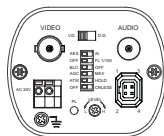
AC24V
For AVC569

DC12V
For AVC509 /AVC568

AC24V / DC12V switch
For AVC509 /AVC568

⊞ FUNCTION

MODEL	AVC509	AVC569	AVC568
Iris Mode	D.D./ V.D. / AES		
White Balance	ATW / Hold		
BLC	On/Off		
AGC	Normal / Max		
CRLESS	On / Off		
Microphone	Yes		

⊞ SPECIFICATIONS

MODEL	AVC509	AVC569	AVC568
Pick up Element	1/3" SONY Color Super HAD CCD image sensor		
Number of Pixel	768(H) x 494(V) <PAL> 752(H) x 582(V) <NTSC>	752(H) x 582(V) <PAL> 768(H) x 494(V) <NTSC>	
Resolution	480 TV lines	520 TV lines	
Min. Illumination	0.25Lux / F1.2		
S/N Ratio	More than 48dB (AGC off)		
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.		
Gamma	0.45		
Iris Mode	V.D. / D.D. /AES selectable		
Lens Mount	C/CS mount selectable		
Flickless	On(NTSC: 1/100; PAL: 1/120) / Off selectable		
White Balance	ATW/HOLD		
BLC	On / Off selectable		
AGC	Normal / Max		
CRLESS	On / Off		
Video Output	1.0 Vp-p Composite, 75		
Microphone	Yes		
Power Source	*2	*3	DC12V±10% *1
Power / Current Consumption	*4	3.2W Max. (AC100 240V) 4.0W Max. (AC24V/DC12V)	160mA
Dimension (mm)	107.3(L) x 65.5(W) x 50(H)		
Gross Weight	460g	460g	400g

*1 Please use regulated adaptor (DC12V/500mA).
*2 AC24V / AC100V ~ 240V 10% / DC12V 10%
*3 AC24V(0.2A), AC100V(0.2A) for NTSC & AC24V(0.2A), AC230V(0.2A) for PAL
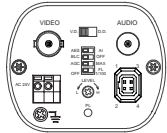*4 3W Max. (AC24V), 2.4W Max. (AC100V ~ 240V 0%), 95mA 10% (DC12V)
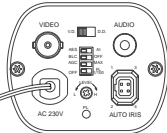
Regular Camera

Lens Optional

AVC565R /AVC561R
1/3" SONY Color CCD Camera
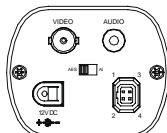
AC100V / 230V
For AVC565R

AC24V
For AVC565R

DC12V
For AVC561R

⊞ FUNCTION

MODEL	AVC565R	AVC561R
Iris Mode	D.D/V.D/AES	
White Balance	ATW	
BLC	On/Off	
AGC	Normal/Max	
Flickerless	On (NTSC : 1/100 ; PAL : 1/120) / Off	
Microphone	Yes	

⊞ SPECIFICATIONS

MODEL	AVC565R	AVC561R
Pick up Element	1/3" SONY Color Super HAD CCD image sensor	
Number of Pixel	510(H) x 492(V) <NTSC> 500(H) x 582(V) <PAL>	
Resolution	350 TV lines	
Min. Illumination	0.1 Lux / F1.2 0 Lux (10m IR LENS ON)	0.1Lux / F1.2
S/N Ratio	More than 48dB (AGC off)	
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.	
Video Output	1.0 Vp-p composite, 75	
Lens	C/CS mount changeable	
Power Source	*2	DC12V ±10%*1
Power / Current Consumption	2.2 W Max. (AC100～240V) 2.8 W Max. (AC24V)	90mA
Dimension (mm)	118(L) x 62(W) x 50(H)	108(L) x 62(W) x 50(H)
Gross Weight	660g	380g

*1 Please use the regulated adaptor (DC12V/500mA) for cameras and lens.
*2 AC24V(0.2A), AC100V(0.1A) for NTSC & AC24V(0.2A), AC230V(0.1A) for PAL

Lens Optional

AVC521
1/4" Color CCD Camera

DC12V
For AVC521LD

⊞ FUNCTION

MODEL	AVC521
Iris Mode	AES
White Balance	ATW
Microphone	Yes

⊞ SPECIFICATIONS

MODEL	AVC521
Pick up Element	1/4" Color CCD image sensor
Number of Pixel	512(H) x 492(V) <NTSC> 512(H) x 582(V) <PAL>
Resolution	350 TV lines
Min. Illumination	1Lux / F2.0
S/N Ratio	More than 48dB (AGC off)
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.
Video Output	1.0 Vp-p composite, 75
Lens	C/CS mount changeable
Power Source	DC12V ±10%*1
Power / Current Consumption	120mA
Dimension (mm)	117(L) x 60(W) x 50(H)
Gross Weight	660g

*1 Please use the regulated adaptor (DC12V/500mA) for cameras and lens.
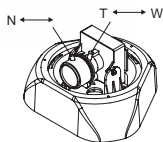*2 AC24V(0.2A), AC100V(0.1A) for NTSC & AC230V(0.1A) for PAL

Design and specifications are subject to change without notice.

Vari-Focal Dome Camera

AVC904 *(High Resolution)*
AVC903

1/3" SONY Vari-focal Dome Camera

⊞ FUNCTION

MODEL	AVC904	AVC903
Iris Mode	D.D.	
White Balance	ATW /Hold	ATW
BLC	On/Off	
AGC	Normal/Max	
Flickless	On(NTSC:1/100 ; PAL:1/120)/Off	
Microphone	Yes	

⊞ SPECIFICATIONS

MODEL	AVC904	AVC903
Pick up Element	1/3" SONY Color Super HAD CCD image sensor	
Number of Pixel	768 (H) x 494(V) <NTSC> 752(H) x 582(V) <PAL>	510 (H) x 492(V) <NTSC> 500(H) x 582(V) <PAL>
Resolution	480 TV lines	350 TV lines
Min. Illumination	0.5Lux / F1.6	0.3Lux / F1.6
S/N Ratio	More than 48dB (AGC off)	
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.	
Video Output	1.0 Vp-p composite, 75	
Lens Angle	83° ~ 36°	
Microphone	Yes	
Power Source	DC12V±10%*1	
Power Consumption	120mA	
Dimension (mm)	122(L) x 85(W) x 131(H)	
Gross Weight	365g	

*1 Please use the regulated adaptor (DC12V/500mA).

Smoke Detector Camera

AVC843 *(W/Audio)*

1/4" Color Smoke Detector Camera

⊞ FUNCTION

MODEL	AVC843
Iris Mode	AES
White Balance	ATW
BLC	Auto
AGC	On
Microphone	Yes

⊞ SPECIFICATIONS

MODEL	AVC843
Pick up Element	1/4" Color CCD sensor
Number of Pixel	512(H) x 492(V) <NTSC> 512(H) x 582(V) <PAL>
Resolution	350 TV lines
Min. Illumination	1Lux / F2.0
S/N Ratio	More than 48dB (AGC off)
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.
Video Output	1.0 Vp-p composite, 75
Lens	f4.3mm / F2.0
Power Source	DC12V±10%*1
Current Consumption	110mA
Dimension (mm)	124(⌀) x 53(H)
Gross Weight	340g

*1 Please use the regulated adaptor (DC12V/500mA).

AVC647
1/3" H.R. Color IR Camera

AVC667R
1/3" SONY Color IR Camera

AVC527
1/4" Color IR Camera

⊞ FUNCTION

MODEL	AVC647	AVC667R	AVC527
Iris Mode	AES		
White Balance	ATW		
BLC	On		
AGC	Auto		
Water Resistance	IP57		

⊞ SPECIFICATIONS

MODEL	AVC647	AVC667R	AVC527
Pick up Element	1/3" Color CCD sensor	1/3" SONY Color Super HAD CCD sensor	1/4" Color CCD sensor
Number of Pixel	768(H)x494(V) <N> 752(H)x582(V) <P>	510(H) x 492(V)<N> 500(H) x 582(V) <P>	512(H) x 492(V)<N> 512(H) x 582(V) <P>
Resolution	480 TV lines	350 TV lines	350 TV lines
Min. Illumination	1Lux / F1.8; 0 Lux (10 meter IR ON)*1	0.5Lux / F1.8; 0 Lux (10 meter IR ON)*1	1Lux / F2.0; 0 Lux (10 meter IR ON)*1
S/N Ratio	More than 48dB (AGC off)		
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.		
Video Output	1.0 Vp-p composite, 75Ω		
Lens	f6.0mm/F1.8	f6.0mm/F1.8	f4.0mm/F2.0
Power Source	DC12V±10%*2		
Power Consumption	80mA (IR OFF), 230mA (IR ON)	110mA(IR Off), 260mA(IR ON)	110mA (IR OFF), 260mA (IR ON)
Dimension (mm)	103(L) x 64(W) x 59(H)		
Gross Weight	560g	600g	560g

*1 This camera includes 12 units Infrared LED and the effective range is over 10 meters.
*2 Please use the regulated adaptor (DC12V/500mA).

AVC567S

1/3" Color SONY Bullet Camera

⊞ FUNCTION

MODEL	AVC567S
Iris Mode	AES
White Balance	ATW
BLC	ON
AGC	Max
Water Resistance	IP57

⊞ SPECIFICATIONS

MODEL	AVC567S
Pick up Element	1/3" SONY Color Super HAD CCD image sensor
Number of Pixel	510(H)x492(V)<NTSC> 500(H)x582(V) <PAL>
Resolution	350 TV lines
Min. Illumination	0.5 Lux / F2.0
S/N Ratio	More than 48dB (AGC off)
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.
Video Output	1.0 Vp-p composite, 75Ω
Standard Board Lens	F3.6mm / F2.0
Lens Angle	92°
Power Source	DC12V±10%*1
Current Consumption	80mA
Dimension (mm)	26(φ) x 87(H)
Gross Weight	300g

*1 Please use the regulated adaptor (DC12V/500mA).

Mini Camera

AVC566 *(W/ Audio)*
1/3" Mini Camera

Board lens   Pinhole lens

AVC526 *(W/ Audio)*
1/4" Mini Camera

Board lens   Pinhole lens

⊞ FUNCTION

MODEL	AVC566	AVC526
Iris Mode	AES	
White Balance	ATW	
Gain Control	Auto	
Microphone	Yes	

⊞ SPECIFICATIONS

MODEL	AVC566	AVC526
Pick up Element	1/3" Color CCD sensor	1/3" Color CCD sensor
Number of Pixel	512(H) x 491(V) <NTSC> 512(H) x 582(V) <PAL>	
Resolution	350 TV lines	
Min. Illumination	0.5 Lux / F2.0	0.5 Lux / F2.0
S/N Ratio	More than 48dB (AGC off)	
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.	
Standard Board Lens	f3.6mm / F2.0	
Pinhole Lens	f3.7mm / F2.0	
Video Output	1.0 Vp-p composite, 75Ω	
Lens Angle	Board Lens: 92.6° Pinhole Lens: 90°	Board Lens: 70° Pinhole Lens: 67.5°
Power Source	DC12V±10%*1	
Current Consumption	110mA	90mA
Dimension (mm)	Board Lens: 36(W) x 36(H) x 30(D) Pinhole Lens: 36(W) x 36(H) x 18(D)	Board Lens: 36(W) x 36(H) x 30(D) Pinhole Lens: 36(W) x 36(H) x 18(D)
Gross Weight	53g	105g

*1 Please use the regulated adaptor (DC12V/500mA).

PIR Camera

AVC826 *(W/PIR Function)*
1/4" PIR Color CCD Camera

⊞ FUNCTION

MODEL	AVC826
Iris Mode	AES
White Balance	ATW
Gain Control	Auto
Microphone	Yes
PIR	Yes

⊞ SPECIFICATIONS

MODEL	AVC826
Pick up Element	1/4" SONY Color CCD sensor
Number of Pixel	510(H) x 492(V) <NTSC> 500(H) x 582(V) <PAL>
Resolution	350 TV lines
Min. Illumination	1Lux / F2.0
S/N Ratio	More than 48dB (AGC off)
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.
Video Output	1.0 Vp-p composite, 75Ω
Lens	f3.7mm/F2.0
Lens Angle	67.5°
Power Source	DC12V±10%*1
Current Consumption	150mA
Lamp Control Loading	1,250W (max.)
PIR Alarm Output	100° with 10 meters and 2 meters high (at 25° C)
Dimension (mm)	70(L) x 110(W) x 49(H)
Gross Weight	128.5g

*1 Please use the regulated adaptor (DC12V/500mA).

Design and specifications are subject to change without notice.

AVC563R *(W/Audio)*
AVC562R

1/3" SONY CCD Dome Camera

⊞ FUNCTION

MODEL	AVC563R	AVC562R
Iris Mode	AES	
White Balance	ATW	
BLC	Auto	
Gain Control	Auto	–
Microphone	Yes	–

⊞ SPECIFICATIONS

MODEL	AVC563R	AVC562R
Pick up Element	1/3" SONY Color CCD image sensor	
Number of Pixel	510 (H) x 492(V) <NTSC> / 500(H) x 582(V) <PAL>	
Resolution	350 TV lines	
Min. Illumination	0.5Lux / F1.6	0.3Lux / F1.6
S/N Ratio	More than 48dB (AGC off)	
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.	
Video Output	1.0 Vp-p composite, 75Ω	
Lens	f3.6mm / F2.0	
Lens Angle	92°	
Power Source	DC12V±10%*1	
Power Consumption	110mA	
Dimension (mm)	87(ϕ) x 72(H)	87(ϕ) x 81(H)
Gross Weight	270g	280g

*1 Please use the regulated adaptor (DC12V/500mA).

AVC562A *(W/Audio)*
AVC522

1/3" SONY CCD Dome Camera

⊞ FUNCTION

MODEL	AVC562A	AVC522
Iris Mode	AES	
White Balance	ATW	
Gain Control	Auto	

⊞ SPECIFICATIONS

MODEL	AVC563A	AVC522
Pick up Element	1/3" SONY Color CCD image sensor	
Number of Pixel	510 (H) x 492(V) <NTSC> / 500(H) x 582(V) <PAL>	
Resolution	350 TV lines	
Min. Illumination	0.5Lux / F2.0	1Lux / F2.0
S/N Ratio	More than 48dB (AGC off)	
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.	
Video Output	1.0 Vp-p composite, 75Ω	
Lens	f3.6mm / F2.0	
Lens Angle	92°	70°
Power Source	DC12V±10%*1	
Power Consumption	90mA	110mA	100mA
Dimension (mm)	100(ϕ) x 57.5(H)	100(ϕ) x 60(H)
Gross Weight	114g	113g

*1 Please use the regulated adaptor (DC12V/500mA).

Dome Camera

AVC508A *(W/ Audio)*
AVC508

1/3" SONY H.R. Color Dome Camera

AVC563HR *(W/ Audio)*
AVC562HR

1/3" SONY H.R. Color Dome Camera

⊞ FUNCTION

MODEL	AVC563HR	AVC562HR
Iris Mode	AES	
White Balance	ATW	
BLC	Auto	
Gain Control	Max	
Microphone	Yes	N/A

MODEL	AVC508A	AVC508
Iris Mode	AES	
White Balance	ATW	
BLC	On	
Gain Control	Auto	
Color Rolling Suppress	Yes	
Microphone	Yes	N/A

⊞ SPECIFICATIONS

MODEL	AVC562HR	AVC563HR
Pick up Element	1/3" SONY Color CCD image sensor	
Number of Pixel	768(H)x494(V) <NTSC> / 752(H)x582(V) <PAL>	
Resolution	520 TV lines	
Min. Illumination	1Lux / F2.0	
S/N Ratio	More than 52dB (AGC off)	
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.	
Video Output	1.0Vp-p composite, 75Ω	
Standard Board Lens	F3.6mm / F2.0	
Lens Angle	92°	
Power Source	DC12V $\pm$ 10%*1	
Current Consumption	170mA	
Dimension (mm)	87(ϕ) x 81(H)	
Gross Weight	282g	

MODEL	AVC508A	AVC508
Pick up Element	1/3" SONY Color Super HAD CCD image sensor	
Number of Pixel	768(H)x494(V) <NTSC> / 752(H)x582(V) <PAL>	
Resolution	480 TV lines	
Min. Illumination	1Lux / F2.0	
S/N Ratio	More than 48dB (AGC off)	
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.	
Video Output	1.0Vp-p composite, 75Ω	
Standard Board Lens	F3.6mm / F2.0	
Lens Angle	92°	
Power Source	DC12V $\pm$ 10%*1	
Current Consumption	10mA$\pm$10%	
Dimension (mm)	87.5(ϕ) x 83(H)	
Gross Weight	186g	

*1 Please use the regulated adaptor (DC12V/500mA).

AVC692 Dome Camera

● OVERVIEW

High Resolution Best Selling Camera Series

This HIGH RESOLUTION surveillance camera series is designed to suit versatile security demand. With the HIGH QUALITY PERFORMANCE and UNMATCHED LOW PRICE, it makes your security demand affordable.

● FEATURES

1. 1/3" HR Color CCD

2. High resolution of 480 TVL

3. Low light sensitivity of 1.0 Lux at F2.0

● SPECIFICATION

MODEL	AVC692
Pick up Element	1/3" HR color CCD image sensor
Number of Pixel	771(H) x 492(V) <NTSC> / 753(H) x 582(V) <PAL>
Resolution	480 TV lines
Min. Illumination	1 Lux / F2.0
S/N Ratio	More than 48dB (AGC off)
Electronic Shutter	1/60 (1/50) to / 100,000 sec.
Lens	f3.6mm / F2.0
Lens Angle	92°
IRIS Mode	AES
White Balance	ATW
Video Output	1.0 Vp-p composite, 75Ω
Power Source	DC12V ± 10%
Current Consumption	90 mA
Dimension	88(Φ) x 81(H)
Net Weight	262g

* The specifications are subject to change without notice.

AVC693 3-Axis Vandal-Proof Dome Camera

● OVERVIEW

High Resolution Best Selling Camera Series

This HIGH RESOLUTION surveillance camera series is designed to suit versatile security demand.
With the HIGH QUALITY PERFORMANCE and UNMATCHED LOW PRICE, it makes your security demand affordable.

● FEATURES

1. 1/3" HR Color CCD
2. High resolution of 480 TVL
3. Low light sensitivity of 1.0 Lux at F2.0
4. Vandal-Resistant Case Design (Meet IPxx7 international standards)
5. Free Viewing Angle:
   Versatility of a 3-axis camera lens to freely pan, tilt and rotate to every angle

● SPECIFICATION*

MODEL	AVC693
Pick up Element	1/3" HR color CCD image sensor
Number of Pixel	771(H) x 492(V) <NTSC> / 753(H) x 582(V) <PAL>
Resolution	480 TV lines
Min. Illumination	1 Lux / F2.0
S/N Ratio	More than 48dB (AGC off)
Electronic Shutter	1/60 (1/50) to / 100,000 sec.
Lens	f3.6mm / F2.0
Lens Angle	92°
IRIS Mode	AES
White Balance	ATW
Video Output	1.0 Vp-p composite, 75Ω
Power Source	DC12V ± 10%
Current Consumption	90 mA
Dimension (mm)**	93.4(Ø) x 69(H)
Gross Weight (g)	357g
Vandal Resistance	IPxx7

* The specifications are subject to change without notice.
** Dimensional Tolerance: ± 5mm

AVC694 **Vari-Focal Dome Camera**

● OVERVIEW

High Resolution Best Selling Camera Series

This HIGH RESOLUTION surveillance camera series is designed to suit versatile security demand. With the HIGH QUALITY PERFORMANCE and UNMATCHED LOW PRICE, it makes your security demand affordable.

● FEATURES

1. 1/3" HR Color CCD
2. High resolution of 480 TVL
3. Low light sensitivity of 1.0 Lux at F2.0
4. 2X variable focus lens (f=4.0 ~ 9.0mm)
5. Vandal-Resistant Case Design (Meet IPxx7 international standards)

● SPECIFICATION

MODEL	AVC694
Pick up Element	1/3" HR color CCD image sensor
Number of Pixel	771(H) x 492(V) <NTSC> / 753(H) x 582(V) <PAL>
Resolution	480 TV lines
Min. Illumination	1 Lux / F2.0
S/N Ratio	More than 48dB (AGC off)
Electronic Shutter	1/60 (1/50) to / 100,000 sec.
Lens	f4.0mm ~ f9.0mm
Lens Angle	83° ～ 36°
IRIS Mode	AES
White Balance	ATW
IP Rating	IPxx7
Video Output	1.0 Vp-p composite, 75Ω
Power Source	DC12V ± 10%
Current Consumption	110 mA
Dimension (mm)	124.3(Ø) x 92(H)

* The specifications are subject to change without notice.

AVC697 IR Camera

● OVERVIEW

High Resolution Best Selling Camera Series

This HIGH RESOLUTION surveillance camera series is designed to suit versatile security demand.
With the HIGH QUALITY PERFORMANCE and UNMATCHED LOW PRICE, it makes your security demand
affordable.

● FEATURES

1. 1/3" HR Color CCD
2. High resolution of 480 TVL
3. Low light sensitivity of 1.0 Lux at F2.0
4. IR distance: over 10 meters
5. Meet IP67 international standards

● SPECIFICATION

MODEL	AVC697
Pick up Element	1/3" HR color CCD image sensor
Number of Pixel	771(H) x 492(V) <NTSC> / 753(H) x 582(V) <PAL>
Resolution	480 TV lines
Min. Illumination	1 Lux / F2.0
IR LED	12 units
Effective Range	Over 10 Meters
S/N Ratio	More than 48dB (AGC off)
Electronic Shutter	1/60 (1/50) to / 100,000 sec.
Lens	3.6mm / F2.0
Lens Angle	92.6°
IRIS Mode	AES
White Balance	ATW
Video Output	1.0 Vp-p composite, 75Ω
Power Source	DC12V ± 10%
Current Consumption	90mA (IR off) ~ 240mA (IR on) ± 10%
IP Rating	IP67
Dimension (mm)	102.45(L) x 61.82 (W) x 56.95 (H)

* The specifications are subject to change without notice.

AVC698 / 699 Regular Camera

● OVERVIEW

High Resolution Best Selling Camera Series

This HIGH RESOLUTION surveillance camera series is designed to suit versatile security demand.
With the HIGH QUALITY PERFORMANCE and UNMATCHED LOW PRICE, it makes your security demand
affordable.

● FEATURES

1. 1/3" HR Color CCD
2. Low light sensitivity of 1.0 Lux at F2.0
3. Built-in microphone

● SPECIFICATION

MODEL	AVC698	AVC699	
Pick up Element	1/3" HR color CCD image sensor		
Number of Pixel	771(H) x 492(V) <NTSC> / 753(H) x 582(V) <PAL>		
Resolution	480 TV lines		
Min. Illumination	1 Lux / F2.0		
S/N Ratio	More than 48dB (AGC off)		
Electronic Shutter	1/60 (1/50) to / 100,000 sec.		
Lens Mount	CS or C Mount		
IRIS Mode	AES / VD / DD		
BLC	ON / OFF selectable		
Sharpness	SOFT / SHARP selectable		
White Balance	ATW / HOLD selectable		
Video Output	1.0 Vp-p composite, 75Ω		
Microphone	Built-in		
Power Source	DC12V ± 10%	AC230V	AC24V / DC12V
Current Consumption Power Consumption	100mA ± 10%	2W	
Dimension	117(L) x 60(W) x 50(H)		
Weight	250g	430g	300g

* The specifications are subject to change without notice.
** Dimensional Tolerance: ± 5mm

KPC127

IR CAMERA

● **OVERVIEW**

This camera contains day and night feature, build-in IR LED and IP68 standard approved waterproof outdoor housing. Besides, it is very easy to install.

● **FEATURES**

(1) Day and night features for 24-hour surveillance
(2) Standard horizontal resolution and high quality picture
(3) Built in Auto Electronic Shutter
(4) Minimum illumination of 0.6 Lux / F2.0, 0Lux (15 meter IR ON)
(5) IR LED effective range reaches 15 meters
(6) IP68 standard approved case

● **SPECIFICATIONS**

SPECIFICATIONS	**KPC127**
Number of Pixel	512(H) x 492(V) <NTSC> / 512(H) x 582(V) <PAL>
Resolution	Standard
Minimum illumination	0.6Lux / F2.0, 0Lux (15 meter IR ON)
IR Effective Range	Reaches15 Meters
S/N Ratio	More than 48dB (AGC off)
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.
Lens	f3.6mm / F2.0
Lens Angle	70˚
IRIS Mode	AES
Gain Control	Auto
White Balance	ATW
Video Output	1.0Vp-p composite, 75Ω
Power Source	DC12V ± 10%
Current Consumption	100mA (IR OFF), 350mA (IR ON)
Dimension (mm)	100(L) × 65(W) × 63.8(H)
IP Rating	IP 68

* The specification is subject to change without notice.

KPC122

DOME CAMERA

● **OVERVIEW**

This small and exquisite dome camera incorporates a standard resolution color CCD and can be easily installed in any indoor environment.

● **FEATURES**

(1) Standard horizontal resolution and high quality picture
(2) Built in Auto Electronic Shutter
(3) Minimum illumination of 0.6 Lux / F2.0
(4) Small and exquisite

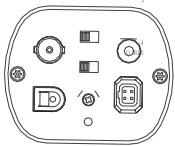● **SPECIFICATIONS**

SPECIFICATIONS	**KPC122**
Number of Pixel	512(H) x 492(V) <NTSC> / 512(H) x 582(V) <PAL>
Resolution	Standard
Minimum illumination	0.6 Lux / F2.0
S/N Ratio	More than 48dB (AGC off)
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.
Lens	f3.6mm / F2.0
Lens Angle	70˚
IRIS Mode	AES
Gain Control	Auto
White Balance	ATW
Video Output	1.0Vp-p composite, 75Ω
Power Source	DC12V ± 10%
Current Consumption	100mA
Dimension (mm)	100(Ø) ✕ 60(H)

* The specification is subject to change without notice.

B/W Camera

AVC301D
1/3"B/W CCD Camera

Lens Optional

DC Type

MODEL	AVC302A
Iris Mode	D.D/V.D/AES
Gain Control	Auto
Microphone	Yes

⊞ SPECIFICATIONS

MODEL	AVC301D
Pick up Element	1/3" B/W CCD sensor
Number of Pixel	510(H) x 492(V) <EIA> / 500(H) x 582(V) <CCIR>
Resolution	380 TV lines
Min. Illumination	0.5Lux / F1.2
S/N Ratio	More than 48dB (AGC off)
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.
Video Output	1.0 Vp-p composite, 75Ω
Lens	C/CS mount changeable (Optional)
Power Source	DC12V±10%*1
Current Consumption	120mA
Dimension (mm)	108(L) x 62(W) x 50(H)
Gross Weight	360g

AVC302A
1/3" B/W Dome Camera

⊞ FUNCTION

MODEL	AVC302A
Iris Mode	D.D/V.D/AES
Gain Control	Auto

⊞ SPECIFICATIONS

MODEL	AVC302A
Pick up Element	1/3" B/W CCD sensor
Number of Pixel	510(H) x 492(V) <EIA> / 500(H) x 582(V) <CCIR>
Resolution	380 TV lines
Min. Illumination	0.25Lux / F2.0
S/N Ratio	More than 48dB (AGC off)
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.
Video Output	1.0 Vp-p composite, 75Ω
Lens	f3.6mm/F2.0
Power Source	DC12V±10%*1
Power Consumption	100mA
Dimension (mm)	100(φ) x 57.5(H)
Gross Weight	220g

AVC306 (W/ Audio)
1/3" B/W Mini Camera

Board lens   Pinhole lens

⊞ FUNCTION

MODEL	AVC306
Iris Mode	AES
Gain Control	Auto
Microphone	Yes

⊞ SPECIFICATIONS

MODEL	AVC306
Pick up Element	1/3" B/W CCD sensor
Number of Pixel	510 (H) x 492(V) <EIA> 500(H) x 582(V) <CCIR>
Resolution	380 TV lines
Min. Illumination	0.25 Lux / F2.0
S/N Ratio	More than 48dB (AGC off)
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.
Video Output	1.0 Vp-p composite, 75Ω
Lens	f3.6mm/F2.0(Board), f3.7mm/F2.0(Pinhole)
Power Source	DC12V±10%*1
Power Consumption	100mA
Dimension (mm)	Board Lens : 36(W) x 36(H) x 30(D)
	Pinhole Lens : 36(W) x 36(H) x 18(D)
Gross Weight	Board Lens:140g , Pinhole Lens:140g

*1 Please use the regulated adaptor (DC12V/500mA).

AVC307R

1/3" B/W IR Camera

⊞ FUNCTION

MODEL	AVC307R
Iris Mode	AES
White Balance	N/A
BLC	N/A
AGC	AUTO
Water Resistance	IP57

⊞ SPECIFICATIONS

MODEL	AVC307R
Pick up Element	1/3" B/W CCD sensor
Number of Pixel	510 (H) x 492(V) <EIA> 500(H) x 582(V) <CCIR>
Resolution	380 TV lines
Min. Illumination	0.25Lux / F2.0; 0 Lux (10 meter IR ON)[*1]
S/N Ratio	More than 48dB (AGC off)
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.
Video Output	1.0 Vp-p composite, 75Ω
Lens	f4.0mm/F2.0
Power Source	DC12V±10%[*2]
Power Consumption	90mA(IR Off), 240mA(IR ON)
Dimension (mm)	103(L) x 64(W) x 59(H)
Gross Weight	560g

[*1] This camera includes 12 units Infrared LED and the effective range is up to 10 meters.
[*2] Please use the regulated adaptor (DC12V/500mA).

AVC307

1/3" B/W Bullet Camera

⊞ FUNCTION

MODEL	AVC307
Iris Mode	AES
White Balance	AUTO
Water Resistance	IP57

⊞ SPECIFICATIONS

MODEL	AVC307
Pick up Element	1/3" B/W CCD sensor
Number of Pixel	510 (H) x 492(V) <EIA> 500(H) x 582(V) <CCIR>
Resolution	380 TV lines
Min. Illumination	0.25Lux / F2.0
S/N Ratio	More than 48dB (AGC off)
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.
Video Output	1.0 Vp-p composite, 75Ω
Lens	f3.6mm / F2.0
Lens Angle	92°
Power Source	DC12V±10%[*1]
Power Consumption	90mA
Dimension (mm)	26(φ) x 87(H)
Gross Weight	300g

Board Camera

AV426 *(W/ Audio)*

1/4" Color Board Camera

Board lens

Pinhole lens

⊞ FUNCTION

MODEL	AV426
Iris Mode	AES
Gain Control	Auto
White Balance	N/A
Microphone	Yes

⊞ SPECIFICATIONS

MODEL	AV426
Pick up Element	1/3" CCD image sensor
Number of Pixel	512(H) x 492(V) <NTSC> 512(H) x 582(V) <PAL>
Resolution	380 TV lines
Min. Illumination	1Lux / F2.0
S/N Ratio	More than 48dB (AGC off)
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.
Standard Pinhole Lens	f3.7mm/F2.0
Video Output	1.0 Vp-p composite, 75Ω
Lens Angle	70°
Microphone	Yes
Power Source	DC12V±10%*1
Current Consumption	90mA
Dimension (mm)	32mm x 32mm
Gross Weight	18 g

*1 Please use the regulated adaptor (DC12V/500mA).

AV206 *(W/ Audio)*

1/3" B/W Board Camera

Board lens

Pinhole lens

⊞ FUNCTION

MODEL	AV206
Iris Mode	AES
AGC	AUTO
Microphone	Yes

⊞ SPECIFICATIONS

MODEL	AV206
Pick up Element	1/3" B/W CCD sensor
Number of Pixel	510(H) x 492(V) <EIA> 500(H) x 582(V) <CCIR>
Resolution	380 TV lines
Min. Illumination	0.25Lux / F2.0
S/N Ratio	More than 48dB (AGC off)
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.
Video Output	1.0 Vp-p composite, 75Ω
Lens	f3.6mm/F2.0(Board) f5.0mm/F2.0(Pinhole)
Power Source	DC12V±10%*1
Current Consumption	100mA
Dimension (mm)	32 x 32mm
Gross Weight	30g

*1 Please use the regulated adaptor (DC12V/500mA).

Design and specifications are subject to change without notice.
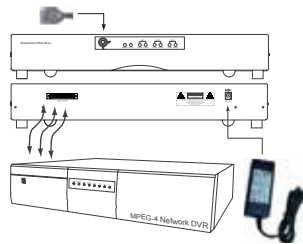
Accessories

AVC951 *(Hub Function)*

Independent Disk Array

⊞ connections

AVC910TD IR Transmitter

VGA Converter
VGA01A

VGA02

⊞ Features

Huge extended storage capacity (connected up to 12 Independent Disk Array)
Support mirror recording -
Automatic detection when connected to DVR
Easy set-up and use
System alarm LED light notification
High expandability and reliability
Accommodates 3 IDE hard disk drives

⊞ Specifications

MODEL	AVC951
Host Port Interface	1 x IDE interface (with SCSI Cable)
Device Port	3 (connected to Independent Disk Array)
Operation Modes	JBOD (Just A Bundle of Disks) alike
HDD Interface	ATA-6 (T13/1410D REV3) DMA66
Number of HDD Bases	3 (Support all type 3.5¨ / vendor hard disk drive)
HDD File Transfer Speed	Ultra DMA/100/66/33
Power Supply	19 V
Current Consumption	2.3 A
Operation Temperature	5℃~ 45℃(41 F°~113°F)
Dimension(in)	432 (W) x 60 (H) x 304.4 (D) mm

⊞ IR Remote Control

AVC910TD IR Transmitter

IR control for PTZ camera, DVR, LIGHT
IR emission distance : straight-line is 10m;
transmit at left and right 22.5 degree is 8m
Control up to 255 PTZ & LIGHT
Control up to 255 DVR
Enabling different ID
Current Consumption: AAA Size battery x 2
Not support digital zoom

SPECIFICATIONS

⊞MODEL	VGA01A
Connection	DVR Side: D-Sub LCD Monitor Side: D-Sub
Function	1. Output resolution up to 1024 x768@60Hz 2. Analog non-interlaced RGB output supported 3.N/P video system auto detection
Power Supply	Provided by DVR
Power Consumption	2W
Dimension (mm)	87(L) x 64(W) x 24(H)

SPECIFICATIONS

⊞MODEL	VGA02
Connection	DVR Side: MONITOR OUT Monitor Side: D-Sub
Function	1. Output Resolution Up to 1024 x 768@60Hz 2. Analog non-interlaced RGB Output Supported 3. NTSC / PAL System Auto Detection
Power	External adaptor DC5V @ 600mA (Optional)
Power Consumption	2W
Dimension (mm)	87(L) x 64(W) x 24(H)