

AVC707

16-CH Color Multiplexer (Full Duplex)



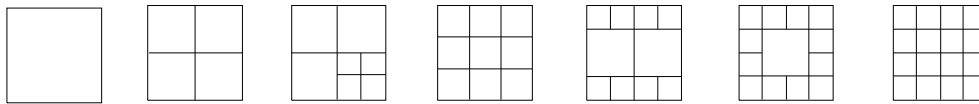
FEATURES



1. Support NTSC and PAL
2. On screen menu display.
3. Full Duplex Multiplexing
 - I 16 channels camera can be record/live display/playback at the same time.
 - I 16 channels loop back terminal.
4. Resolution

Screen Modes	Resolution
Full screen	704(H) x 468(V) <NTSC> / 704(H) x 564(V) <PAL>
4 channels	352(H) x 234(V) <NTSC> / 352(H) x 282(V) <PAL>
9 channels	224(H) x 156(V) <NTSC> / 224(H) x 188(V) <PAL>
16 channels	176(H) x 117(V) <NTSC> / 176(H) x 141(V) <PAL>

5. Independent main and call monitor outputs allow simultaneous multicamera and full screen viewing.
6. Multi Screen Display Mode
 - I Below display modes are selectable while surveillance & VCR play back:



Full Screen Quad 7 CH 9 CH 10 CH 13 CH 16 CH

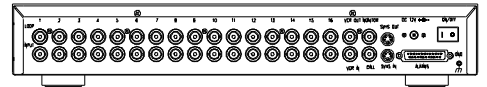
7. **Picture-In-Picture (PIP) is available in live and VCR playback modes, Zoom in & out can be up to 2 X 2 in live and VCR playback modes**
8. 16 channels are swappable and independent title generator (up to 6 characters) each channel.
9. **Simultaneous digital video motion detection using 15x12 target (NTSC) 15x14 target (PAL) motion detection grids for each video channel to set different options.**
10. **Video Adjustable on Each Channel**
11. Re-flash Rate
 - I Full screen : Real time display
 - I 16 channels: 0.133 sec/channel
12. Alarm Input Function & Output Function
 - I 16 channels alarm input, ALARM display and one alarm output.
 - I Video loss detected in each channel.
 - I Record 50 events.
13. Power-loss memory function: set up parameter will remain while power failure.
14. Remote function: it can be controlled by external host through RS-232Co or RS-485.
15. On Screen Display and RTC (Real time clock) Function.
16. Call Monitor



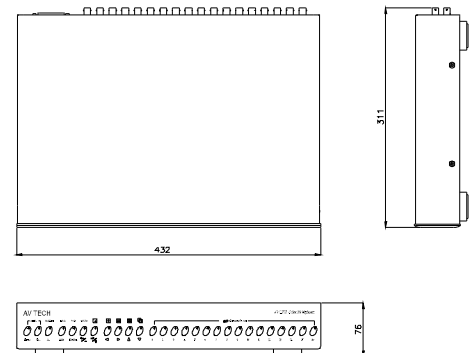
SPECIFICATION

Mode	AVC707ND	AVC707PD
Signal	NTSC	PAL
Camera Input Signal	Composite video signal 1 Vp-p 75Ω BNC, 16 channels	
VCR Input Signal	Composite video signal 1 Vp-p 75Ω BNC S-Video Y 1 Vp-p 75Ω S JACK; C 0.8 Vp-p 75Ω S JACK	
Camera Loop Back	Composite video signal 1 Vp-p 75Ω BNC, 16 channels	
Main Monitor Output	Composite video signal 1 Vp-p 75Ω BNC	
Call Monitor Output	Composite video signal 1 Vp-p 75Ω BNC	
VCR Output	Composite video signal 1 Vp-p 75Ω BNC S-Video Y 1 Vp-p 75Ω S JACK; C 0.8 Vp-p 75Ω	
Motion Detect Area	15 * 12 targets per camera (NTSC) 15 * 14 targets per camera (PAL)	
Motion Detect Sensitivity	256 Levels	
Video Loss Detection	Yes	
Picture Freeze	Yes	
Refresh Rate	30 Frames / Sec.	
Recording Rate	15 Pictures/Sec..	
Dynamic Recording Priority	Yes (Programmable)	
Dwell Time	Programmable (1~10 Sec)	
Picture in Picture	Yes (Movable)	
Key Lock	Yes	
Picture Zoom	2*2 (Movable)	
Camera Title	6	
Video Adjustable on Channels	Color/Contrast/Brightness Adjustable	
Alarm Input	TTL input, Hi (5V), Low (GND)	
Alarm Output	COM, N.O.	
Alarm History Log	50 Events	
Remote Control	RS232 or RS485	
VCR Trigger Output	Yes (TTL output)	
Time Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY, OFF	
Power Source	DC12V, 1.25A	
Power Consumption	<10W	
Operation Temperature	0°C~50°C	
Operation Humidity	30%~90%	
RS-232C / RS-485 (bps)	115200 · 57600 · 19200 · 9600 · 4800 · 3600 · 2400 · 1200	
Dimensions (mm)	432 (W) x 76(H) x 311(D)	
Gross Weight	5.6kg	

Rear Panel



Dimension



Full Duplex Connections for Multiplexer – with 2 monitors

(This unit also can be operated with one monitor for full duplex function)

