AVP321

Product Overview

This PTZ camera can be installed in various demanding applications (especially outdoors) for security surveillance and remote monitoring. With a high-speed pan/tilt and 22X auto-focus zoom lens, detected target can be rapidly captured. In addition, other practical functions, such as continuous auto focus, auto iris control, back light compensation, gain control, 16 preset points and 32 sets of sequence groups...etc. are also supported.

Features

◆ **High image quality**
   Employ 1/4" Sony Color Super HAD CCD

◆ **High-speed pan/tilt mechanism and auto-focus zoom lens**
   Provide 360° panning, 90° tilting and 22X optical zooming functionality

◆ **Remote-controllable direct panning/ tilting**
   Click on a desired point in the Live Viewer to exactly pan and tilt the camera to that point

◆ **Preset points and sequence programs**
   You can save up to 16 preset points (panning and tilting position), and up to 32 sets of sequence groups

◆ **Satisfied minimum illumination**
   Minimum illumination of 1 Lux / F1.6 for color surveillance

◆ **Vandal proof**
   Special material used for the dome cover can withstand strong impact, good for outdoor use

◆ **On-screen display**
   Support OSD interface for operation and setting changes

◆ **Audio function (optional)**

SPECIFICATION

AVP321	
■ **CAMERA**	
Signal System	NTSC or PAL
Pick-up Element	1/4" Sony Color Super HAD CCD
Number of Pixels	768(H)*494(V)<NTSC> / 752(H)*582(V)<PAL>
Resolution	480TV lines
Min. Illumination	1 Lux / F1.6
S/N Ratio	More than 48dB (AGC off)
Video Output	1.0 Vp-p. 75Ω
BLC	On / Off
Gain Control	On (Low, Mid & High) / Off
Sharpness	Sharpness / Normal / Soft
White Balance	ATW
Color Gain	Colorful / Normal / Light
Video Adjustment	Brightness, Contrast, Saturation and Hue
Picture Effects	Mirror on / off
Camera ID	Preset ID (8 characters)
Preset Points	16 preset points
Auto Mode	Sequence / Auto pan
■ **LENS**	
Lens Type	22X Optical Zoom (3.9 ~ 85.9mm)
F-number	F1.6 (Wide) ~ 3.7 (Tele)
Focal Length	3.9 ~ 85.8 mm
Viewing Angle	4° ~ 80°
Auto Electronic Shutter	1 / 60 (1/50) to 1 / 100,000 sec.
Auto Focus	Manual / Auto
■ **MECHANISM**	
Pan Range	360°
Pan Angle Setting	Possible (in auto-pan mode)
Tilt Range	90°
Tilt Mode	Manual / Sequential Position / Auto Pan
Zoom Speed	Approx. 5s (Tele / Wide)
■ **OTHERS**	
Audio	Optional
IP Rating	IP666
Ambient Operating Temperature	0°C ~ 35°C (32°F ~ 95°F)
Power Source	DC12V ± 10%
Current Consumption	1.25A (max)
Dimension (mm)	145(Ø) x 184(H) mm (± 5mm)
Gross Weight (g)	Approx. 1.2 kg
Optional Brackets	ceiling-mounted / wall-mounted / embedded

☐ The specification is subject to change without notice.

AVP311

Product Overview

This PTZ camera provides high image quality with video resolutions up to 768 × 494. The PTZ camera can be installed in various demanding applications for security surveillance and remote monitoring. With high-speed pan/tilt and auto-focus zoom lens, detection target can be rapidly captured. Besides that, other practical functions, such as continuous auto focus, auto iris controls, back light compensation, gain control, 16 preset points and 32 sets sequence programs...etc. are also supported. This high-quality camera can cover a wide field of view, making it ideal for the surveillance market.

Features

◆ **High image quality**
  Employ 1/3" Sony Color Super HAD CCD

◆ **High-speed pan/tilt mechanism and auto-focus zoom lens**
  The speed dome camera provides 360° panning, 90° tilting and 3X optical zooming functionality

◆ **Remote-controllable direct panning/ tilting**
  Clicking on a desired point in the Live Viewer to exactly pan and tilt the camera to that point

◆ **Preset points and sequence programs**
  You can save up to 16 preset points (panning and tilting position), and up to 32 sets of sequence programs

◆ **Satisfied minimum illumination**
  Minimum illumination of 1.5 Lux / F2.6 for color surveillance

◆ **Vandal proof**
  Special material can withstand strong impact against the dome cover

◆ **On screen display**
  Support OSD interface for operation and setting change

◆ **Audio function (optional)**

SPECIFICATION

AVP311	
■ **CAMERA**	
Signal System	NTSC or PAL
Pick-up Element	1/3" Sony Color Super HAD CCD
Number of Pixels	768(H)*494(V)<NTSC> / 752(H)*582(V)<PAL>
Resolution	480TV lines
Min. Illumination	1.5 Lux / F2.6
S/N Ratio	More than 48dB (AGC off)
Video Output	1.0 Vp-p. 75Ω
BLC	On / Off
Gain Control	On (Low / Mid / High) / Off
Sharpness	Sharpness / Normal / Soft
White Balance	ATW
Color Gain	Colorful / Normal / Light
Video Adjustment	Brightness
Picture Effects	Mirror
Camera ID	Preset ID (8 characters)
Preset Points	16 preset points
Auto Mode	Sequence / Auto pan
■ **LENS**	
Lens Type	3X Optical Zoom (4.2 ~ 12.7mm)
F-number	F2.6 (Wide) ~ 4.3 (Tele)
Focal Length	4.2 ~ 12.7mm
Viewing Angle	26.7° ~ 80°
Auto Electronic Shutter	1 / 60 (1/50) to 1 / 100,000 sec.
Auto Focus	Manual / Auto
■ **MECHANISM**	
Pan Range	360°
Pan Angle Setting	Possible (in auto-pan mode)
Tilt Range	90°
Tilt Mode	Manual / Sequential Position / Auto Pan
Zoom Speed	Approx. 3s (Tele / Wide)
■ **OTHERS**	
Audio	Optional
IP Rating	IP666
Ambient Operating Temperature	0° C ~ 35° C (32° F ~ 95° F)
Power Source	DC12V ± 10%
Current Consumption	1A
Dimension (mm)	D134mm x H122mm
Gross Weight (g)	Approx. 700g
Optional Brackets	ceiling-mounted / wall-mounted / embedded

☐ The specifications of the actual products are subject to change without further notification.

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 $\times$ 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) $\times$ 237 (W) $\times$ 98 (H)