

AVP322B

22X Zoom Speed Dome Camera (Auto Tracking)



Features

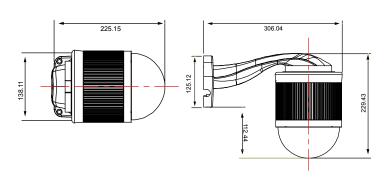
- Advanced Auto Tracking Accuracy
 - -- to follow the moving object
- © Rigid & High-Speed Pan / Tilt Mechanism with Two-Million Rotation Test Passed
 - -- for longer operating lifetime
- Pelco-D & Pelco-P Support
 - -- For fully compatibility
- Flexible Color / Shutter Parameters Adjustment
 - -- to adapt various light conditions
- Graphical On-Screen Display
- O Hot Point
- Easy Operation via Keyboard Controller
- O Up to 256 preset points & eight preset groups, and Auto Scan

Optional Peripheral



Keyboard Controller

Dimensions





SPECIFICATIONS

Signal System NTSC or PAL Pick-up Element 1/4" Sony Color Super HAD CCD image sensor Number of Pixels 768(H)"494(V) <ntsc> / 752(H)"582(V)<pal> Resolution High Resolution Min. Illumination 0.6 Lux / F1.6 S/N Ratio More than 48dB (AGC off) Video Output 1.0 Vp-p. 75Ω BLC On / Off Gain Control Low, Medium & High / Off Sharpness Auto / Low / Medium / High White Balance Auto / Indoor 1 / Indoor 2 / Sun / Cloudy Indoor 1 = 9000K; Indoor 2 = 3000K; Sun = 5500K; Cloudy = 7000K Camera Title 10 characters or symbols Total 8 groups, 256 programmable preset points **The sequence of all the preset points will follow the order of the minimal panning route. Auto Tracking Yes ■ LENS Focal Length 13.9 mm − 185.9 mm F-number F1.6 (Wide) ~ 3.7 (Tele) Viewing Angle 4" ~ 60" Auto Focus Always / PTZ / Z Only / P Only ■ MECHANISM Pan Range 360" Pan Range 360" Pan Speed 360" 7 sec *The pan speed can be adjusted according to the different pan speed mode. Tilt Range 90" Tilt Ran</pal></ntsc>	■ GENERAL	
Pick-up Element		NTSC or PAI
Number of Pixels 768(H)*494(V) <ntsc> / 752(H)*582(V)<pal> Resolution High Resolution Min. Illumination 0.6 Lux / F1.6 S/N Ratio More than 48dB (AGC off) Video Output 1.0 Vp-p. 75Ω BLC On / Off Gain Control Low, Medium & High / Off Sharpness Auto / Low / Medium / High White Balance Auto / Indoor 1 / Indoor 2 / Sun / Cloudy *Indoor 1 = 9000K; Indoor 2 = 3000K; Sun = 5500K; Cloudy = 7000K Camera Title 10 characters or symbols Total 8 groups, 256 programmable preset points *The sequence of all the preset points will follow the order of the minimal panning route. Auto Tracking Yes ■ LENS Focal Length f3.9 mm ~ f85.9 mm F-number F1.6 (Wide) ~ 3.7 (Tele) Viewing Angle 4° ~ 60° Auto Electronic Shutter 1 / 60 (1/50) to 1 / 100,000 sec. Auto Focus Always / PTZ / Z Only / P Only ■ MECHANISM Pan Range 360° / 1 sec Tit Range 90° Tit Range 90° Tit Speed 0 ~ 90° under 1 sec Zoom Ratio 22X optical zoom Zoom Speed Approx. 7s (Tele ~ Wide) ■ OTHERS IP Rating IP66 Ambient Operating Temperature 0 ~ 70° Power Source (±10%) DC12V Current Consumption 1.5 A (max) Optional Bracket Wall-mounted Optional Bracket Wall-mounted Optional Bracket Wall-mounted Optional Bracket Wall-mounted Optional Bracket Wall-mounted </pal></ntsc>		
Resolution High Resolution Min. Illumination 0.6 Lux / F1.6 S/N Ratio More than 48dB (AGC off) Video Output 1.0 Vp-p. 75Ω BLC On / Off Gain Control Low, Medium & High / Off Sharpness Auto / Indoor 1 / Indoor 2 / Sun / Cloudy White Balance Auto / Indoor 1 / Indoor 2 / Sun / Cloudy * Indoor 1 = 9000K; Indoor2 = 3000K; Sun = 5500K; Cloudy = 7000K Camera Title 10 characters or symbols Total 8 groups, 256 programmable preset points * The sequence of all the preset points will follow the order of the minimal panning route. Auto Tracking Yes ■ LENS Focal Length f3.9 mm ~ f85.9 mm F-number F1.6 (Wide) ~ 3.7 (Tele) Viewing Angle 4* ~ 60° Viewing Angle 4* ~ 60° Auto Focus Always / PTZ / Z Only / P Only ■ MECHANISM Pan Range 360° Pan Speed 360° Tilt Speed 0° ~ 90° under 1 sec Zoom Ratio 22X optical zoom Zoom Ratio 22	<u> </u>	, ,
Min. Illumination		
S/N Ratio More than 48dB (AGC off) Video Output 1.0 Vp-p. 75 Ω BLC On / Off Gain Control Low, Medium & High / Off Sharpness Auto / Low / Medium / High White Balance Auto / Indoor 1 / Indoor 2 / Sun / Cloudy Camera Title 10 characters or symbols Total 8 groups, 256 programmable preset points * The sequence of all the preset points will follow the order of the minimal panning route. Auto Tracking Yes ■ LENS Focal Length f3.9 mm ~ f85.9 mm F-number F1.6 (Wide) ~ 3.7 (Tele) Viewing Angle 4° ~ 60° Auto Electronic Shutter 1 / 60 (1/50) to 1 / 100,000 sec. Auto Focus Always / PTZ / Z Only / P Only ■ MECHANISM Pan Range 360° Pan Speed 360° / 1 sec *The pan speed can be adjusted according to the different pan speed mode. Tilt Range 90° Tilt Range 90° Tilt Speed 0° ~ 90° under 1 sec Zoom Ratio 22X optical zoom Zoom Speed		
Video Output 1.0 Vp-p. 75Ω BLC On / Off Gain Control Low, Medium & High / Off Sharpness Auto / Low / Medium / High White Balance Auto / Indoor 1 / Indoor 2 / Sun / Cloudy * Indoor 1 = 9000K; Indoor 2 = 3000K; Sun = 5500K; Cloudy = 7000K Camera Title 10 characters or symbols Total 8 groups, 256 programmable preset points * The sequence of all the preset points will follow the order of the minimal panning route. Auto Tracking Yes ■ LENS Focal Length f3.9 mm ~ f85.9 mm F-number F1.6 (Wide) ~ 3.7 (Tele) Viewing Angle 4° ~ 60° Auto Electronic Shutter 1 / 60 (1/50) to 1 / 100,000 sec. Auto Focus Always / PTZ / Z Only / P Only ■ MECHANISM Pan Range 360° / 1 sec * The pan speed can be adjusted according to the different pan speed mode. Tilt Range 90° Tilt Range 90° Tilt Speed 0° ~ 90° under 1 sec Zoom Speed Approx. 7s (Tele ~ Wide) ■ OTHERS IP Rating		
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Sharpness Auto / Low / Medium / High White Balance Auto / Indoor 1 / Indoor 2 / Sun / Cloudy * Indoor 1 = 9000K; Indoor 2 = 3000K; Sun = 5500K; Cloudy = 7000K Total 8 groups, 256 programmable preset points * The sequence of all the preset points will follow the order of the minimal panning route. Auto Tracking * The sequence of all the preset points will follow the order of the minimal panning route. * The sequence of all the preset points will follow the order of the minimal panning route. * The sequence of all the preset points will follow the order of the minimal panning route. * The sequence of all the preset points will follow the order of the minimal panning route. * The sequence of all the preset points will follow the order of the minimal panning route. * The sequence of all the preset points will follow the order of the minimal panning route. * The sequence of all the preset points will follow the order of the minimal panning route. * Tile (Wide) ~ 3.7 (Tele) * Tile (Wide) ~ 3.7 (Tele) * Tile (Wide) ~ 3.7 (Tele) * Tile (Wide) ~ 1 / 100,000 sec. * Always / PTZ / Z Only / P Only * MECHANISM Pan Range * 360° Pan Speed * The pan speed can be adjusted according to the different pan speed mode. Tilt Range 90° Tilt Speed 0° ~ 90° under 1 sec Zoom Ratio 22X optical zoom Zoom Speed Approx. 7s (Tele ~ Wide) * OTHERS IP Rating Ambient Operating Temperature 0° ~ 70° Power Source (±10%) DC12V Current Consumption 1.5 A (max) Dimension (mm)** 145(Ø) x 184(H) (Bracket not included) Gross Weight (g) Approx. 1.2 kg Optional Bracket Wall-mounted		
White Balance Auto / Indoor 1 / Indoor 2 / Sun / Cloudy * Indoor1 = 9000K; Indoor2 = 3000K; Sun = 5500K; Cloudy = 7000K Camera Title 10 characters or symbols Total 8 groups, 256 programmable preset points * The sequence of all the preset points will follow the order of the minimal panning route. Auto Tracking LENS Focal Length 53.9 mm ~ f85.9 mm F-number F-number F1.6 (Wide) ~ 3.7 (Tele) Viewing Angle 4° ~ 60° Auto Electronic Shutter 1 / 60 (1/50) to 1 / 100,000 sec. Auto Focus Always / PTZ / Z Only / P Only MECHANISM Pan Range 360° Pan Speed 360° / 1 sec * The pan speed can be adjusted according to the different pan speed mode. Tilt Range 17it Range 90° Tilt Speed 0° ~ 90° under 1 sec Zoom Ratio 22X optical zoom 20THERS IP Rating IP Call The Amax IP Rating IP Rating IP Call The Amax IP Rating IP Call The Amax IP Call The Amax IP Call The C		
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Preset Points and Sequence Total 8 groups, 256 programmable preset points * The sequence of all the preset points will follow the order of the minimal panning route. Auto Tracking Yes LENS Focal Length f3.9 mm ~ f85.9 mm F-number F1.6 (Wide) ~ 3.7 (Tele) Viewing Angle 4° ~ 60° Auto Electronic Shutter Always / PTZ / Z Only / P Only MECHANISM Pan Range 360° Pan Speed * The pan speed can be adjusted according to the different pan speed mode. Tit Range 90° Tit Speed 70 ~ 90° under 1 sec Zoom Ratio 22X optical zoom Zoom Speed Approx. 7s (Tele ~ Wide) OTHERS IP Rating IP66 Ambient Operating Temperature 50 ~ 70° Power Source (±10%) DC12V Current Consumption 1.5 A (max) Dimension (mm)** 145(Ø) x 184(H) (Bracket not included) Gross Weight (g) Approx. 1.2 kg Optional Bracket Wall-mounted	Camera Title	
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Focal Length f3.9 mm ~ f85.9 mm F-number F1.6 (Wide) ~ 3.7 (Tele) Viewing Angle 4° ~ 60° Auto Electronic Shutter 1 / 60 (1/50) to 1 / 100,000 sec. Auto Focus Always / PTZ / Z Only / P Only MECHANISM Pan Range 360° Pan Speed 360° / 1 sec * The pan speed can be adjusted according to the different pan speed mode. Tilt Range 90° Tilt Speed 0° ~ 90° under 1 sec Zoom Ratio 22X optical zoom Zoom Speed Approx. 7s (Tele ~ Wide) OTHERS IP Rating IP66 Ambient Operating Temperature -20° ~ 40° (-4°F ~ 104°F) Storage Temperature 0° ~ 70° Power Source (±10%) DC12V Current Consumption 1.5 A (max) Dimension (mm)** 145(Ø) x 184(H) (Bracket not included) Gross Weight (g) Approx. 1.2 kg Optional Bracket Wall-mounted	Auto Tracking	Yes
F-number F-number F-1.6 (Wide) ~ 3.7 (Tele) Viewing Angle Auto Electronic Shutter Always / PTZ / Z Only / P Only MECHANISM Pan Range Based	■ LENS	
Viewing Angle 4° ~ 60° Auto Electronic Shutter 1 / 60 (1/50) to 1 / 100,000 sec. Auto Focus Always / PTZ / Z Only / P Only ■ MECHANISM 360° Pan Range 360° Pan Speed * The pan speed can be adjusted according to the different pan speed mode. Tilt Range 90° Tilt Speed 0° ~ 90° under 1 sec Zoom Ratio 22X optical zoom Zoom Speed Approx. 7s (Tele ~ Wide) ■ OTHERS IP Rating IP Rating IP66 Ambient Operating Temperature -20° ~ 40° (-4°F ~ 104°F) Storage Temperature 0° ~ 70° Power Source (±10%) DC12V Current Consumption 1.5 A (max) Dimension (mm)** 145(Ø) x 184(H) (Bracket not included) Gross Weight (g) Approx. 1.2 kg Optional Bracket Wall-mounted	Focal Length	f3.9 mm ~ f85.9 mm
Auto Electronic Shutter Auto Focus Always / PTZ / Z Only / P Only ■ MECHANISM Pan Range 360° Pan Speed *The pan speed can be adjusted according to the different pan speed mode. Tilt Range 70° ~ 90° under 1 sec 22X optical zoom Zoom Ratio 22X optical zoom Approx. 7s (Tele ~ Wide) ■ OTHERS IP Rating IP66 Ambient Operating Temperature 70° ~ 40° (-4°F ~ 104°F) Storage Temperature 70° ~ 70° Power Source (±10%) DC12V Current Consumption 1.5 A (max) Dimension (mm)** 145(∅) x 184(H) (Bracket not included) Gross Weight (g) Approx. 1.2 kg Optional Bracket Wall-mounted	F-number	F1.6 (Wide) ~ 3.7 (Tele)
Auto Focus MECHANISM	Viewing Angle	4° ∼ 60°
■ MECHANISM Pan Range 360° Pan Speed 360° / 1 sec * The pan speed can be adjusted according to the different pan speed mode. Tilt Range 90° Tilt Speed 0° ~ 90° under 1 sec Zoom Ratio 22X optical zoom Zoom Speed Approx. 7s (Tele ~ Wide) ■ OTHERS IP Rating IP66 Ambient Operating Temperature -20° ~ 40° (-4°F ~ 104°F) Storage Temperature 0° ~ 70° Power Source (±10%) DC12V Current Consumption 1.5 A (max) Dimension (mm)** 145(Ø) x 184(H) (Bracket not included) Gross Weight (g) Approx. 1.2 kg Optional Bracket Wall-mounted	Auto Electronic Shutter	1 / 60 (1/50) to 1 / 100,000 sec.
Pan Range Pan Speed 360° 71 sec * The pan speed can be adjusted according to the different pan speed mode.	Auto Focus	Always / PTZ / Z Only / P Only
Pan Speed 360° / 1 sec * The pan speed can be adjusted according to the different pan speed mode. Tilt Range 90° Tilt Speed 0° ~ 90° under 1 sec 22X optical zoom Zoom Speed Approx. 7s (Tele ~ Wide) 10 OTHERS IP Rating IP66 Ambient Operating Temperature -20° ~ 40° (-4°F ~ 104°F) Storage Temperature 0° ~ 70° Power Source (±10%) DC12V Current Consumption 1.5 A (max) Dimension (mm)** 145(Ø) x 184(H) (Bracket not included) Gross Weight (g) Approx. 1.2 kg Optional Bracket Wall-mounted	■ MECHANISM	
Pan Speed * The pan speed can be adjusted according to the different pan speed mode. Tilt Range 90° Tilt Speed 22X optical zoom Zoom Ratio 22X optical zoom Zoom Speed Approx. 7s (Tele ~ Wide) OTHERS IP Rating IP66 Ambient Operating Temperature -20° ~ 40° (-4°F ~ 104°F) Storage Temperature 0° ~ 70° Power Source (±10%) DC12V Current Consumption 1.5 A (max) Dimension (mm)** 145(Ø) x 184(H) (Bracket not included) Gross Weight (g) Approx. 1.2 kg Optional Bracket Wall-mounted	Pan Range	360°
Tilt Speed 0° ~ 90° under 1 sec Zoom Ratio 22X optical zoom Zoom Speed Approx. 7s (Tele ~ Wide) ■ OTHERS IP Rating IP66 Ambient Operating Temperature -20° ~ 40° (-4°F ~ 104°F) Storage Temperature 0° ~ 70° Power Source (±10%) DC12V Current Consumption 1.5 A (max) Dimension (mm)** 145(Ø) x 184(H) (Bracket not included) Gross Weight (g) Approx. 1.2 kg Optional Bracket Wall-mounted	Pan Speed	
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Zoom Speed Approx. 7s (Tele ~ Wide) ■ OTHERS IP Rating IP66 Ambient Operating Temperature -20° ~ 40° (-4°F ~ 104°F) Storage Temperature 0° ~ 70° Power Source (±10%) DC12V Current Consumption 1.5 A (max) Dimension (mm)** 145(Ø) x 184(H) (Bracket not included) Gross Weight (g) Approx. 1.2 kg Optional Bracket Wall-mounted	Tilt Speed	0° ~ 90° under 1 sec
■ OTHERS IP Rating IP66 Ambient Operating Temperature -20° ~ 40° (-4°F ~ 104°F) Storage Temperature 0° ~ 70° Power Source (±10%) Current Consumption 1.5 A (max) Dimension (mm)** 145(Ø) x 184(H) (Bracket not included) Gross Weight (g) Approx. 1.2 kg Optional Bracket Wall-mounted	Zoom Ratio	22X optical zoom
IP RatingIP66Ambient Operating Temperature $-20^{\circ} \sim 40^{\circ}$ ($-4^{\circ}F \sim 104^{\circ}F$)Storage Temperature $0^{\circ} \sim 70^{\circ}$ Power Source ($\pm 10\%$)DC12VCurrent Consumption 1.5 A (max) Dimension (mm)** $145(\emptyset) \times 184(\text{H})$ (Bracket not included)Gross Weight (g)Approx. 1.2 kg Optional BracketWall-mounted	Zoom Speed	Approx. 7s (Tele ~ Wide)
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Storage Temperature $0^{\circ} \sim 70^{\circ}$ Power Source ($\pm 10\%$)DC12VCurrent Consumption 1.5 A (max) Dimension (mm)** $145(\emptyset) \times 184(\text{H})$ (Bracket not included)Gross Weight (g)Approx. 1.2 kg Optional BracketWall-mounted	IP Rating	IP66
Power Source (±10%) Current Consumption 1.5 A (max) Dimension (mm)** 145(Ø) x 184(H) (Bracket not included) Gross Weight (g) Approx. 1.2 kg Optional Bracket Wall-mounted	Ambient Operating Temperature	-20° ~ 40° (-4°F ~ 104°F)
Current Consumption 1.5 A (max) Dimension (mm)** 145(Ø) x 184(H) (Bracket not included) Gross Weight (g) Approx. 1.2 kg Optional Bracket Wall-mounted	Storage Temperature	0° ~ 70°
Dimension (mm)** 145(Ø) x 184(H) (Bracket not included) Gross Weight (g) Approx. 1.2 kg Optional Bracket Wall-mounted	Power Source (±10%)	DC12V
Gross Weight (g) Approx. 1.2 kg Optional Bracket Wall-mounted	Current Consumption	1.5 A (max)
Gross Weight (g) Approx. 1.2 kg Optional Bracket Wall-mounted	Dimension (mm)**	145(Ø) x 184(H) (Bracket not included)
Optional Bracket Wall-mounted	Gross Weight (g)	
<u> </u>		
· ·	Optional Device	Keyboard controller

^{*} The specifications are subject to change without notice.

^{**} Dimensional Tolerance: ±5mm