



Product Datasheet

Part Code: VPTZ-AHD-Z

2MP - x30 Optical Zoom AHD PTZ Camera

Key Features

- 2.0 Mega-Pixels Full HD Resolution
- AHD(2.0) / CVBS Video Output
- X360 Zoom Control (Optical X30 / Digital X12)
- NR (Noise Reduction)
- Endless 360° Endless Pan Rotation
- Pan/Tilt 240°/sec(Preset)
- The Shortest Path with Vector Drive Technology
- Micro Control (0.05°/SEC.) with Micro Stepping Control
- Technology OSD(On-Screen Display) Menu with Password Function
- 8 Privacy Masks with Spherical Coordinates
- 8 Sets of Scheduler Function with RTC(Real Time Clock)
- 209 Presets / 10 Swings / 4 Patterns / 8 Groups
- Waterproof (IP 66 Level)



Specifications

Camera Module	Image Sensor	1/3" Panasonic CMOS Sensor
	Resolution	2,000K Pixels
	Digital Zoom	Optical X30 & Digital X12
	Focal Length	F1.6~4.7, f=4.3~129.0mm
	Angle of View (H)	H : 58.9° (Wide) ~ 2.11° (Tele) / V : 45.3° (Wide) ~ 1.61° (Tele)
	Video Signal to Noise	50 dB
	Focus Control	Auto / Manual / Semi Auto
	AE Mode	Auto / Iris / Shutter / Manual / Brightness
	White Balance	Auto / Manual (Red, Blue Gain Adjustable)
	BLC	ON / OFF
	WDR	ON / OFF
	Defoq	ON / OFF
	Aperture	Adjustable
	Noise Reduction	Yes
Pan/Tilt	Range	Pan : 360°(Endless) / Tilt : -20° ~ 90°
	Pan/Tilt Speed	Preset : 240° / SEC Manual : 0.05° ~ 240° / SEC. (Proportional to Zoom) Swing : 10°~180° / SEC.
	Preset	209 Presets (Label, Independent Camera Parameter Setting)
	Pattern	4 Patterns [768 Commands(Approximate 5 Minutes) / 1 Pattern]
	Swing	10 Swings
	Group	8 Groups (MAX. 40 Actions with The Combination of Preset, Pattern and Swing)
	Scheduler Function	8 Scheduler Functions with RTC(Real Time Clock)
Other Functions	Auto Flip, Auto Parking, Power-up Action & etc.	

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Video	Output	2 x BNC (AHD and CVBS)
	AHD(2.o) Standard	Resolution : 1080p30fps, 720p60/30fps Resolution : 1080p25fps, 720p50/25fps
	CVBS	1.0 Vp-p
RTS	Real Time Clock	YES (RTC Battery Backup Time : Approximate 2 Weeks)
OSD		English (Menu / Time / PTZ information, Password Protection, etc.)
Serial Port	Port	RS-485 for PTZ Control
Sensor / Alarm	Sensor Input	3 Inputs, photo coupler type, DC 5V-12V
	Alarm Output	1 Output, relay output, MAX, Load DC 24V / 1.0A or AC 125V / 0.5A