



HD21PTZ-V20HB



- SDI 1080P - **1920 x 1080, 30fps**
- 1/3" Progressive Scanning CMOS
- **20X Optical Zoom, 16X Digital Zoom**
4.45~89.0mm Vari-focal Lens
- 1.5 Lux @ F1.6
- **Mechanical IR Cut Filter – ICR**
- **Wide Dynamic Range – WDR**
- **Digital Noise Reduction – DNR**
- OSD and RS485
- 24V AC - 55 Watts

PAL Version also available

HD SDI 1080P 20X High Speed

PTZ Dome Camera



SPECIFICATIONS

FC CE RoHS

Model	HD21PTZ-V20HB	
Image Sensor	1/3" Progressive Scanning CMOS 2.2 Megapixel WDR (Wide Dynamic Range)	
Total Pixels	2010(H) x 1108(V), 2.2MP	
Effective Pixels	1944(H) x 1092(V), 2.1MP	
Video Output	Through an LVDS digital output Y/Cb/Cr 4:2:2 , HDanalog output Y/Pb/Pr, Monitoring CVBS	
S/N Ratio	More than 50dB	
Min. Illumination (IR LED Off)	Color: 1.5 Lux @ F1.6 (50 IRE) ; B/W: 0.1 Lux @ F1.6 (50 IRE)	
BLC (Back Light Compensation)	Close/Backlight Compensation/Light Inhibition	
White Balance	ATW/Indoor/Outdoor/AWC/Manual	
Gain Control	High/Medium/Low/Manual Gain Control	
Day & Night	Auto (ICR)/Color/B/W	
DNR	SSNR III (OFF/Low/Medium/High)	
Digital Image Stabilization	Close / Open	
Intelligent Video Analysis	Fixed_Mobile, Dynamic Detection, Tracking, Fences, Counting and Sabotage	
Lens	Focal Length	4.45mm~89.0mm (20X optics)
	ZOOM Magnification	Optical 20X + Digital 16X: Total 320X
	1/3" Lens AOV (Angle Of View)	H: 56.56°-3.10°(Wide -Tele) V: 43.32°-2.34°(Wide -Tele)
	Aperture ratio	1:1.6 (Wide) to 2.9 (Tele)
	ZOOM Movement Speed	3.3 Sec. (Fast) ; 5.8 Sec (intermediate) ; 7.4 Sec. (Slow)
	Focus Control	Auto/Manual focus control/at once
Pan	360° (0.4° ~ 320° /sec)	
Tilt	90° (0.4° ~ 150°/sec)	
Presets	128X, Tours: 4X, Scans: 4X, Patterns: 4X	
Privacy Mask	max. 8 mask	
Alarm Input / Output	7 Alarm Input and 2 Alarm Output	
Communication	RS485	
Power Source	24V AC	
Operating current	55W with Heater & Blower	
IP Rating	IP67 weather proof	
Body Construction	Aluminum Alloy	
Operation Temperature	+14°F ~ 122°F / -10°C ~ +50°C	
Storage Humidity	<90% RH	
Dimension	260(∅) x 380(H) mm with bracket	

*Specifications and appearance are subject to change without notice

DIMENSIONS AND PARTS

