

PTZ-1801 WDRFM and PTZ-2801 WDRFM

600TVL WDR PTZ Series: PTZ1801FM and PTZ2801FM Indoors Analog PTZ WDR Cameras

- 1/4" Progressive Scan EXview HAD CCD
- Powerful 18x optical zoom(4.1mm~73.8mm): PTZ1801FM
- Powerful 28x optical zoom(3.5mm~98.0mm): PTZ2801FM
- 12x digital zoom
- High resolution of 600 TV Lines (color)/650 TVLines (black & white)
- Super low minimum illumination at Color & B/W
- WDR, Day/Night (ICR), DNR (3D/2D), Auto iris, Auto focus, AE, AWB, AGC, BLC
- Up to 24 zones of privacy masking(8 zones per area)
- Max 400°/s pan & tilt speed, 360° endless pan rotation & auto flip with no blind spot
- Up to 255 Presets, 5 Auto Scan, 8 Tour, 5 Pattern
- Idle Motion: Activation of Preset/Scan/Tour/Pattern after idle time
- Auto recognition of general protocols such as ICR-SD, Pelco-P/D, and etc

Product Overview



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PTZ-1801WDRFM and PTZ-2801WDRFM

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Model	PTZ-1801WDRFM	PTZ-2801WDRFM
Camera		
Image Sensor	1/4" EXview HAD CCD (Progressive Scan)	
Effective Pixels (H x V)	NTSC: 440,000 (752 x 582)	
	PAL: 380,000 (768 x 494)	
Horizontal Resolution	Color - 600TV Lines / B/W - 650 TV Lines	
Lens	18x optical zoom	28x optical zoom
	f=4.1mm(wide) ~ 73.8mm(tele), F1.4 ~ F3.0	f=3.5mm(wide) ~ 98.0mm(tele), F1.35 ~ F3.7
Digital Zoom	12x	
Horizontal Viewing Angle	48°(Wide)~2.8°(Tele)	54.2°(Wide)~2.2°(Tele)
Min Object Distance	290mm(Wide)~800mm(Tele)	320mm(Wide)~1500mm(Tele)
Min. Illumination	0.7Lux/F1.4(Color), 0.01Lux/F1.4(B/W)	1.0Lux/F1.6(Color), 0.01Lux/F1.6(B/W)
	0.04 lux/Color 0.01 lux/B/W, (1/3,1/4 sec)	0.04 lux/Color 0.005 lux/B/W, (1/3,1/4 sec)
Electronic Shutter	NTSC:1/4~1/10000s, PAL:1/3~1/10000s , 20level	
Gain	Auto/Manual/Max. Gain Limit (-3 dB to +28 dB, 2 dB steps)	
Exposure Control	Auto, Manual, Priority mode (shutter priority & iris priority), Bright, EV compensation, Slow AE	
WDR	ON/OFF/Auto (128x)	
Day/Night	ON/OFF/Auto (ICR)	
3D Noise Reduction	ON/OFF	
BLC	ON/OFF	
White Balance	Auto, ATW, Indoor, Outdoor, Outdoor Auto, Sodium Vapor Lamp (fix/auto), One-push, Manual	
Picture Effects	E-Flip, Nega Art, Black & White, Mirror image, Color Enhancement	
S/N Ratio	More than 50 dB	
Privacy Masking	ON/OFF (up to 24 privacy masking areas)	
Video Output	BNC(1.0Vp-p, 75Ω), NTSC/PAL	
Dome Drive		
Pan/Tilt Range	Horizontal: 0°~360°endless, Vertical: -2°~90° auto flip180°	
Manual Control Speed	Horizontal: 0.1°~300°/s, Vertical: 0.1°~150°/s	
Preset Speed	Horizontal: 400°/s, Vertical: 180°/s	
Preset Positions	255	
PTZ Mode	5 Auto Scan, 8 Tour, 5 Pattern	
3D Positioning	Yes	
Auto Speed Control	Automatic focal length/speed adaptation	

Info Display	Time, Location, Dome title, Dome coordinates, Temperature, Alarm, and etc.
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate preset/scan/tour/ patter if there is no command in the specified period.
Time Task	Auto activation of Preset/Scan/Tour/ Pattern by preset-time
Alarm	7/2 alarm input/output, Triggering Preset/Tour/Pattern/Scan/On-off Output
Remote Upgrade	Yes, RS485
Protocol	ICR-SD, Pelco-P/D, Auto recognition of general protocols
General	
Power Supply	AC 24V/3A(±10%)
Power Consumption	12W
Working Temperature	-40°F ~ +140°F (-40°~+60°C)
Working Humidity	10%~90%
Dimension	8.74" x 12.67" - 222(mm) x 322(mm)
Weight	11.02lb or 176.37oz or 5kg