

600TVL WDR PTZ Series PTZ180XWDR, PTZ2801WDR, PTZ3601WDR

FEATURES

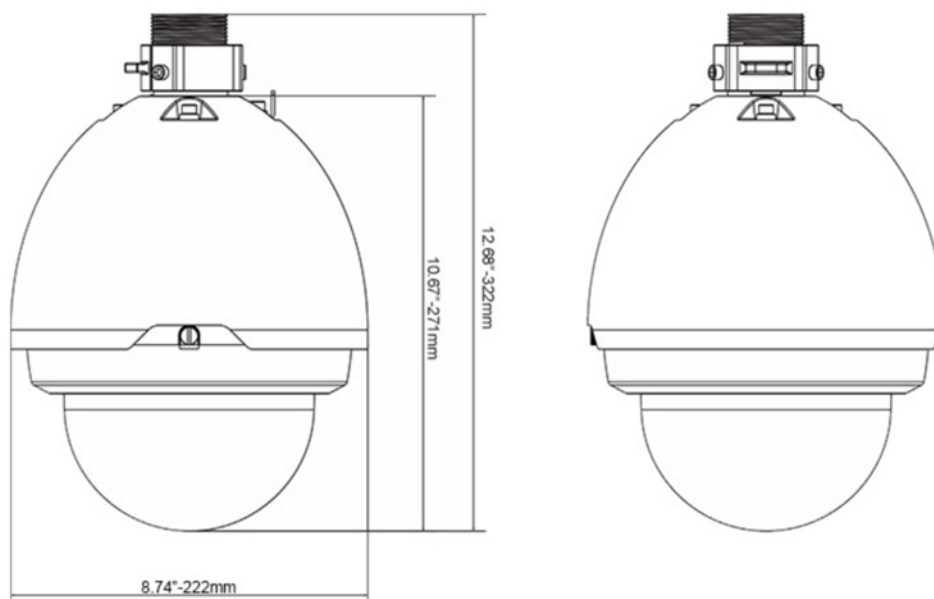
- ➔ SONY high resolution WDR camera module
- ➔ 1/4" Progressive Scan EXview HAD CCD
- ➔ High resolution of 600 TV Lines (color)/650 TVLines (black & white)
- ➔ Super low minimum illumination at Color & B/W
- ➔ Powerful 18x optical zoom(4.1mm~73.8mm): PTZ180XWDR
- ➔ Powerful 28x optical zoom(3.5mm~98.0mm): PTZ2801WDR
- ➔ Powerful 36x optical zoom(3.4mm~122.4mm): PTZ3601WDR
- ➔ 12x digital zoom
- ➔ 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
- ➔ Speed setup according to the focal distance, auto rotation speed adjust in accordance with the lens zoom rate
- ➔ Auto restore to previous PTZ and lens status after power failure
- ➔ Time Task: Auto activation of Preset/Scan/Tour/Pattern by pre-set time
- ➔ Auto recognition of general protocols such as ICR-SD, Pelco-P/D, and etc
- ➔ Multi-language OSD menu
- ➔ 7/2 channel alarm input/output
- ➔ Unique 3D positioning control at with ICRealtime Software/Keyboard
- ➔ IP67 all-environments protection, 4000V thunder-proof, auto constant temperature & anti-fog
- ➔ Easy installation with installer-friendly designs



OVERVIEW

The ICRealtime WDR series of high performance pan/tilt/zoom (PTZ) speed dome cameras feature multiple housing configurations and 3 integrated high resolution, auto-focus camera optic systems.

The PTZ-180XWDR, PTZ-2801WDR and PTZ-3601WDR work seamlessly with all current and future IC Realtime DVR's and surveillance products. The series incorporates ICR's proprietary Follow-Me feature which allows the user to use the mouse on any of our DVRs and the PTZ will follow. Not only will the PTZ follow the mouse but will zoom in on any spot that you double click on. This makes the need for external joysticks obsolete. All presets, tours and groups can be activated via the DVR or network.



OVERVIEW

Model	PTZ180XWDR	PTZ2801WDR	PTZ3601WDR
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	36x optical zoom
	f=4.1mm(wide) ~ 73.8mm(tele), F1.4 ~ F3.0	f=3.5mm(wide) ~ 98.0mm(tele), F1.35 ~ F3.7	f=3.4mm(wide) ~ 122.4mm(tele), F1.6 ~ F4.5
Digital Zoom	12x		
Horizontal Viewing Angle	48°(Wide)~2.8°(Tele)	54.2°(Wide)~2.2°(Tele)	57.8°(Wide)~1.7°(Tele)
Min Object Distance	290mm(Wide)~800mm(Tele)	320mm(Wide)~1500mm(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)	1.4Lux/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)	0.1 lux/Color 0.01 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		
Fan & Heater	Automatic fan and heater control		
General			
Power Supply	AC 24V/3A(±10%)		
Power Consumption	12W(Indoor), 50W(Outdoor, heater on)		
Working Temperature	-40°F ~ +140°F (-40°~+60°C)		
Working Humidity	10%~90%		
Protection Level	IP67, 4000V thunder, surge and wave protection		
Dimension	8.74" x 12.67" - 222(mm) x 322(mm)		
Weight	11.02lb or 176.37oz or 5kg		