



1080P (2MP) OUTDOOR IR PTZ DOME CAMERA



TPT IR-A1230-C Ceiling Mount
TPT IR A1230-W Wall Mount

- 1/3" Sensor
- 30x Optical Zoom f=4.3~120mm
- Pelco D/P, High speed 300° rotation
- Heater & Blower / Service Video Output
- IP66 Outdoor / AC24V

FEATURES

- 0 Lux minimum illumination
- Up to 120m IR distance
- IR light MTBF reaching up to 30,000 hours
- 1/3" high performance CMOS, up to 1920x1080 RES.
- ±0.1° Preset Accuracy
- Self-adaptive to HIKVISION, Pelco-P/D protocol
- 3D intelligent positioning function
- Power-off memory function: restore PTZ & Lens status after reboot
- Built-in temperature sensor, with display of internal temp.
- Lightning protection, surge protection and voltage transient protection
- IP66 standard (outdoor dome)
- Impact Protection: IEC60068-2-75 test, Eh, 20J; EN50102, up to IK10
- RS-485 communication diagnosis
- Scheduled PTZ movement / UTC (Up the Coax) function
- Auto focus, auto white balance, backlight compensation and auto/manual day & night switch
- Privacy masks programmable
- 3D DNR, digital WDR
- 360° endless pan range and -5°-90° tilt range
- 300°/s Pan Preset Speed and 200°/s Tilt Preset Speed
- 0.1°-250°/s Manual Pan Speed and 0.1°-150°/s Manual Tilt Speed
- 256 presets programmable; preset image freezing capability
- 8 patrols, up to 32 presets per patrol
- 4 patterns, with the total recording time not less than 10 min
- Proportional zoom functioning
- Park action: auto call up of PTZ movement, after a defined time of inactivity

TPT IR-A1230	
CAMERA	
Image Sensor	1/3" CMOS
Max. Image Resolution	1920x1080
Frame Rate	50Hz:25fps(1280×1080) 60Hz:30fps(1280×1080)
Min.Illumination	Color: 0.02Lux@(F1.6,AGC ON) B/W: 0.002Lux@(F1.6,AGC ON)
White Balance	Auto / Manual / ATW / Indoor / Outdoor
AGC	Auto / Manual
S/N Ratio	≥50dB
3D DNR	Support
Backlight Compensation	Support
WDR	Digital WDR
Shutter Time	PAL: 1-1/10,000s NTSC: 1-1/10,000s
Day & Night	IR Cut Filter
Digital Zoom	16x
Privacy Mask	8 privacy masks programmable; a maximum of 8 zones can be masked simultaneously on the same video screen
Focus Model	Auto / Semiautomatic / Manual
LENS	
Focal Length	4-120mm, 30X
Zoom Speed	Approx.3.0s(Optical Wide-Tele)
Angle of View	58-1.7 degree(Wide-Tele)
Min. Working Distance	10-1500mm (Wide-Tele)
Aperture	F1.6-F4.4
PAN & TILT	
Pan Range	360° endless
Pan Speed	Pan Manual Speed: 0.1°-160°/s Pan Preset Speed: 240°/s
Tilt Range	-15°-90° (Auto Flip)
Tilt Speed	Tilt Manual Speed: 0.1°-120°/s Tilt Preset Speed: 200°/s
Proportional Zoom	Rotation speed can be adjusted automatically according to zoom multiples
Number of Preset	256
Patrol	8 patrols, up to 32 presets per patrol
Pattern	4 patterns, with the total recording time not less than 10 minutes
Power-off Memory	Support
Park Action	Preset / Patrol / Pattern / Pan scan / Tilt scan / Frame Scan / Random scan / Panorama scan
PTZ Position Display	On / Off
Preset Freezing	Support
Scheduled Task	Preset / Patrol / Pattern / Pan scan / Tilt scan / Frame Scan / Random scan / Panorama scan
RS-485 communication diagnosis	Support
INFRARED	
IR Distance	120m
IR Intensity	Automatically adjusted, depending on the zoom ratio
INPUT / OUTPUT	
Monitor Output	1 turbo HD 1080p output 1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC
RS-485 Interface	Half-duplex mode, Self-adaptive HIKVISION, Pelco-P, Pelco-D protocol
UTC function	HIKVISION_C *Need UTC controller if DVR does not support UTC function
GENERAL	
Menu Language	English, Chinese
Power	AC 24V / Max. 30W(IR: 9W, Heater: 6W)
Working Temperature / Humidity	-30°C-65°C(-22°F-149°F)(outdoor dome) / -10°C-50°C(14°F-122°F)(indoor dome) 90% or less
Protection Level	IP66 standard / TVS 4,000V lightning protection, surge protection and voltage transient protection
Mounting	Various mounting modes optional
Dimensions	ø220×353.4mm (ø8.66"×13.91")