Network Camera

Guardian Watch
SERIES

5MP 36X Zoom WDR Network Outdoor IR PTZ Camera

The Guardian Watch Series PTZ cameras offer a 360-degree surveillance solution with advanced zoom, high-resolution imaging, and superior night vision capabilities. Designed for both indoor and outdoor use, these weather-resistant cameras feature smart motion tracking, remote access, and seamless integration with existing security systems. Experience reliable and user-friendly monitoring with tamper detection and a professional interface for heightened security and peace of mind.

MODEL NO: TS-CINPZ-5MM51I661

Super WDR | **IR** | **PoE** | **Weather Proof**

Main Features

- 5MP High Resolution, PALNTSC,ONVIF support.

- Professional IP Pan/Tilt/Zoom speed dome, simple setup, IR-Cut 450ft night vision.

- 1/2.8" CMOS Sensor, Wide Angle 2.8mm-12mm, 36X Optical Zoom, IP66 Outdoor Waterproof, Anti-Corrosion Polymer Shell: great for salty ocean-front.

- PTZ Speed : 90 degreesVertical, 360 degree Endless horizontal.

- Focus Lenght5-90mm.

- Support P2P real-time message push

MAKE IN INDIA

CE | RoHS Compliant

Key Features

✓ AI Video Analytics

- 8 intelligent VCA modes powered by AI engine, which can 8   intelligent VCA modes powered by AI engine, which can intelligently filter objects to focus on human and vehicle detection.

- People Counting technology provides high accuracy and real-time data
  Based on AI algorithm with statistic reports.

- Face Detection function detects human faces in the monitoring scene and captures the snapshots, which greatly enhances the monitoring efficiency.

✓ Intelligent PTZ Auto Tracking

With AI detection, Milesight Network Camera could leverage motor mechanism to perform Pan/Tilt/Zoom to track the moving human or vehicle automatically and adjust zoom status flexibly according to the target distance with the powerful optical zoom capability.

✓ Up to 42X Optical Zoom

Embedded with optical zoom lens, the cameras' resolution is up to 42X optical
Zoom which allows the user to zoom up to distant objects while still
Maintaining the clarity and delivering high quality video over the entire zoom
Range.

✓ 30fps@4K

Providing 4K HD resolution with frame rate of 30fps, the camera performs well in catching detailed image regardless of the moving speed.

Up to 42X Optical Zoom

4K   1080P

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Specifications

Camera	
Model No	**TS-CINPZ-5MM51I661**
Image Sensor	1/2.8"ProgressiveScanCMOS
Min.Illumination	Color:0.009Lux@F1.55, B/W:0LuxwithIRon
Lens	4.7~141mm
WDR	120dBSuperWDR
Shutter Time	1/100000s~1s
Digital Zoom	16X
Day/Night Mode	Day/Night/Auto/Customize/Schedule
S/N	>55dB
Focal Length	5.7~205.2mm, 36XOpticalZoom
Zoom Speed	Approx7s(Wide-Tele)
FieldofView	H65°~H2.5°/D72°~D2.9°/ V40°~V1.4°
Focus Control	Auto/Semi-Auto/Manual
Minimum Working Distance	11500/1500mm (Wide/Tele)
Aperture	F1.55~F4.8
Iris Control	Auto
PTZ	
Pan Range/Pan Speed	360°endless/PanManualSpeed:0.1°~250°/s,PanPresetSpeed:250°/s
Tilt Range/Tilt Speed	-5°~90°(AutoFlip)/TiltManualSpeed:0.1°~160°/s,TiltPresetSpeed:160°/s
Proportional Zoom	Support
Patrol	8Patrols,upto48presetseachpatrol
Pattern	4Patterns
Auto Tracking	Support
PowerOffMemory	Support
Other Function	AutoScan,AutoHome,PresetFreezing,3DPositioning,PTZLimits,InitialPosition
Audio & Video Encoding	
IR Distance	Upto300m
IR Angle	Auto/Manual
VIDEO	
Max.Image Resolution	3840x2160　60Hz:30fps@(3840x2160, 3072x2048,2592x1944, 2592x1520,2048x1536, 1920x1080,1280x960, 1280x720,704x576)
Primary Stream	60Hz:30fps@(3840x2160, 3072x2048,2592x1944, 2592x1520,2048x1536, 1920x1080,1280x960, 1280x720,704x576)
Secondary Stream	60Hz:30fps@(704x576,640x480,640 x360,352x288,320x240) 50Hz:25fps@(704x576,640x480,640 x360,352x288,320x240)

Specifications

Tertiary Stream	60Hz:30fps@(1920x1080,1280x720,704x576,640x480,640x360,320x240) 50Hz:25fps@(1920x1080,1280x720,704x576,640x480,640x360,320x240)
Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG
Privacy Masking	Upto8Areas(MaskAreaandMosaicAreaareoptional)
Video Bitrate	16Kbps~16Mbps(CBR/VBRAdjustable
ROI	Upto8areas
Image Setting	Brightness/Contrast/Saturation/Sharpness Interface
Interface	
Ethernet	1*RJ4510M/100MEthernetPort
Audio I/O	1/1
Alarm I/O	4/2
RS485	Support
Audio	
Audio Compression AudioSamplingRate Audio Bitrate	G.711/AAC/G.722/G.726 8/16/32/44.1/48KHz 16~256kbps Two-way Audio Support
Intelligent Analytics	
Video Analysis	RegionEntrance,RegionExiting,AdvancedMotionDetection,TamperDetection, LineCrossing,Loitering,ObjectLeft,ObjectRemoved
FaceDetection&Face Attribute Recognition	Detectandcapturefaces, getreal-timesnapshots.TheattributesincludeAge, Gender, Glasses, MaskandCap.
PeopleCounting&Report	Countthenumberofpeopleenteringorexiting, upto4detectionareasforregionalpeoplecounting
System	
Advanced Function	BLC,HLC,2DDNR,3DDNR,Defog,AWB, IPAddressFiltering,AGC,Anti-flicker,CorridorMode,Deblur,Watermark
Event Trigger	MotionDetection,NetworkDisconnection,ExternalInput,AudioAlarm,etc.
Event Action	FTPUpload,SMTPUpload,SDCardRecord,Exter nalOutput,SIPPhone,PTZMotion,HTTPNotifica tion,etc.
System Compatibility	ONVIFProfileG&Q&S&T,API
Approval	
EMC	FCC (FCC/23M02012); CE
Safety	UL/23M02014; BIS IS 13252(PART 1):2010/ IEC 60950-1 : 2005 : IP67
Environment	CE-ROHS
Ingress Protection	Weather Proof IP66;IK10
General	
Working Condition	Temperature:-40℃~60℃/Humidity:0~95%(Non-condensing)
Power Supply	PoE(802.3at)/AC24V/3A±10%
Power Consumption	13WMAX/ 28WMAX(WithIRon)
Warranty	2Years/3Years(Optional)