

Ganz Genstar IP Thermal Dual PTZ



- Uncooled IRFPA Microbolometer
- Temperature detection 20 Spots / 2 Lines / 16 Areas
- Effective Pixel 400 x 300
- 40mK NEDT
- 8 / 15 / 25 / 35 / 50mm fixed Lens options
- 8 / 25 / 50mm motorized Lens options
- Vision Optical Zoom 30x
- Infrared detection wavelength 8 - 14 μm
- Support 17 Color Control
- Support DVE image Enhance
- Standalone Operating

Image Color Modes:



Temperature Detection:



IVS Security:



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Technical specifications	ZNT8-P0 Series
Detector Type	Uncooled IRFPA Microbolometer
Effective Pixel	400(H) × 300(V)
Pixel Pitch	20μm
Sensitivity	40mK @ F1.0, 300K
Spectral Range	8 to 14μm
Image Setting	Polarity LUT / DVE/ Mirror / FCC /3D DNR Brightness / Contrast / ROI
Color Palettes	Black-Heat / White-Heat / Rainbow / Iron-Red up to 17 modes
Lens Type	Fixed
Focus Control	Manual Focus / Motorized Focus (depending on model)
Image Sensor (Visible)	1/1.9" Sony CMOS
Effective Resolution	1920(H) × 1080(V)
Shutter Speed	1/5 ~ 1/20,000s
Min. Illumination	Color: 0.001Lux @(F1.2, AGC ON), B/W: 0.1Lux
S/N Ratio	More than 55dB
Focal Length (Visible)	6 ~ 180mm
Max Aperture	F1.5 ~ F4.3
Angle of View	H: 59° ~ 2.4°
Optical Zoom	30x
Focus Control	Auto / Manual
Close Focus Distance	100mm ~ 1000mm
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: +90° ~ -90°
Pan/Tilt Speed	Pan: 0.01° ~ 60° /s; Tilt: 0.01° ~ 30° /s
Preset Speed	Pan: 0.01° ~ 60° /s; Tilt: 0.01° ~ 30° /s
Presets	400
PTZ Mode	8 Auto Scan, 12 Tour, 6 Track
Speed Setup	Auto / Manual (0-8)
Power Off Memory	Yes
Idle Motion	Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period
Protocol	Pelco-D

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Technical specifications	ZNT8-PO Series
Compression	H.265, H.264, MJPEG
Frame Rate	<p>Main Stream: Thermal: D1 @25/30fps Visible: 1920×1080 / 1280×720 @25/30fps</p> <p>Sub Stream: Thermal: CIF @25/30fps Visible: D1 / VGA / 640×360 / CIF / QCIF / QVGA @25/30fps</p>
Bit Rate Control	CBR/VBR
Bit Rate	<p>Thermal: 100Kbps ~ 6Mbps Visible: main stream: 500Kbps ~ 12Mbps sub stream: 100Kbps ~ 6Kbps</p>
Region of Interest	Off / On (8 Zone, Rectangle)
Electronic Image Stabilization(EIS)	-
Digital Zoom	16x
Mirror	Yes
Defog	Yes
Motion Detection	Yes
Privacy Masking	Off / On (4 Area, Rectangle)
DVE Image Enhance	Yes
Audio Compression	G.711, AMR, RAW_PCM (Optional)
Intelligent Functions	Motion detection, Disk alarm, I/O alarm, Temperature alarm
IVS	Perimeter, Single Virtual Fences, Double Virtual Fences, Object Left, Object Removed
Temperature Detection Mode	Point detection, Area detection
Temperature Detection Preset	Spot: 20, Line: 2, Area: 16
Temperature Alarm	Over temperature alarm, Temperature difference alarm
Accuracy	Max (±2°C, ±2%)
Response Time	≤30ms
Effective temperature working environment	-40 °C ~ 60 °C
Theory of temperature measurement range	-40 °C ~ 150 °C
Temperature display mode	Temperature target >5°C, Display absolute temperature value Temperature target ≤5°C, Display relative temperature value (temperature difference DEV = highest value - average)

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Technical specifications

ZNT8-P0 Series

Ethernet	RJ-45 (10/100Base-T)
Protocols	IPv4/IPv6, HTTP, RTSP/RTP/RTCP, TCP/UDP, DHCP, DNS, PPPOE, SMTP, SIP, 802.1x
Interoperability	ONVIF, CGI
Streaming Method	Unicast
Max. User Access	10 Users
Edge Storage	NAS Local PC for instant recording Mirco SD card 128GB
Web Viewer	<IE11
Web Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian
Audio Interface	2ch Audio In, 2ch Audio Out
Alarm	9ch Alarm In, 4ch Alarm Out
RS485	Yes
BNC Output	Yes
Reset Button	Yes
Power Supply	DC36V
Power Consumption	max. 80W
Operating Temperature	-40 °C ~ 60 °C
Storage Conditions	0~ 90% RH
Certifications	CE /FCC
Ingress Protection	IP66
Casing	Metal
Dimensions	282 × 419 × 316mm
Net Weight	16.5kg

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Model	Focal Length	Angle of View	Human Detection 1.80m x 0.5m	Vehicle Detection 4.0m x 1.5m	Fire Detection 1.0m x 1.0m
ZNT8-POF8-TAX30	8mm	H: 43.6° V: 36.4°	235m	722m	235m
ZNT8-POF15-TAX30	15mm	H:25.5° V:19.2°	441m	1353m	441m
ZNT8-POF25-TAX30	25mm	H:15.4° V:11.6°	735m	2255m	735m
ZNT8-POF35-TAX30	35mm	H: 11° V:9°	1029m	3137m	1029m
ZNT8-POF50-TAX30	50mm	H: 7.7° V:5.8°	1471m	4510m	1471m
ZNT8-POM8-TAX30	8mm	H: 43.6° V: 36.4°	235m	722m	235m
ZNT8-POM25-TAX30	25mm	H: 14.6° V: 11°	735m	2255m	735m
ZNT8-POM50-TAX30	50mm	H: 7.3° V: 5.5°	1471m	4510m	1471m

Model	Focal Length	Angle of View	Human Recognition 1.80m x 0.5m	Vehicle Recognition 4.0m x 1.5m	Fire Recognition 1.0m x 1.0m
ZNT8-POF8-TAX30	8mm	H: 43.6° V: 36.4°	59m	180m	78m
ZNT8-POF15-TAX30	15mm	H: 24° V: 18°	110m	338m	147m
ZNT8-POF25-TAX30	25mm	H: 14.6° V: 11°	184m	564m	245m
ZNT8-POF35-TAX30	35mm	H: 10.5° V: 7.8°	257m	789m	343m
ZNT8-POF50-TAX30	50mm	H: 7.3° V: 5.5°	368m	1127m	490m
ZNT8-POM8-TAX30	8mm	H: 43.6° V: 36.4°	59m	180m	78m
ZNT8-POM25-TAX30	25mm	H: 14.6° V: 11°	184m	564m	245m
ZNT8-POM50-TAX30	50mm	H: 7.3° V: 5.5°	368m	1127m	490m

Dimensions

