

ST-GIP4PTZ-DL-25X

4 MP Dual-Lens PTZ Camera, 25X Optical Zoom Dome Camera



The DualGuard PTZ, is an advanced dual-camera system that redefines situational awareness. This cutting-edge device integrates a wide-angle fixed camera with a pan-tilt-zoom (PTZ) camera, delivering both a broad, continuous view and the ability to zoom in for detailed, dynamic perspectives—all within a single unit. This ensures users capture every moment, offering full 360-degree coverage with auto-tracking capabilities.

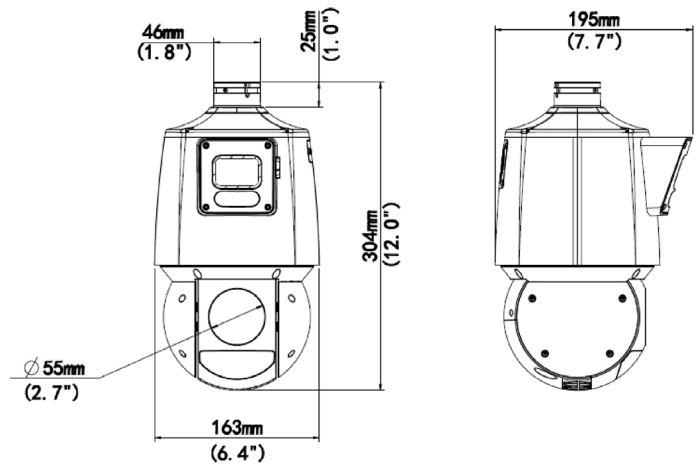
Designed for commercial, industrial, and government applications, the DualGuard PTZ delivers unmatched performance and versatility. As an NDA A-compliant product, it meets rigorous standards for critical infrastructure and government-regulated projects.



Key Features

- **4 MP Dual-Lens PTZ Camera:** Features a 4mm wide-angle lens alongside a 25x optical zoom lens for precise, comprehensive coverage.
- **Smart Tracking:** Employs advanced algorithms to track moving objects, optimizing real-time surveillance automatically.
- **Superior Low-Light Performance:** Starlight technology ensures crystal-clear color video even in low-light conditions.
- **High-Speed Pan and Tilt:** Offers full 360° horizontal and 180° vertical coverage, ensuring no blind spots.
- **NDA A Compliance:** Ideal for sensitive, government-regulated environments and critical infrastructure.
- **Rugged, Weatherproof Design:** With an IP67 rating, it is built to withstand extreme weather conditions and is perfect for outdoor use.

Dimensions



Available Accessories



PTZ Wall Mount
ST-GWMP TZ-A



PTZ Wall Mount
ST-GWMP TZ-B



Junction Box
ST-GJB12-F

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Camera		
	Fixed	PTZ
Sensor	1/2.7", 4MP, CMOS	1/1.8", 4MP, CMOS
Minimum Illumination	Color:0.003 lux (F1.5, AGC ON) 0 lux with IR	Color:0.0005 lux (F1.0, AGC ON) 0 lux with warm light
Daylight	N/A	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 - 1/100000s	
WDR	120 dB	
S/N	>56 dB	

Lens		
	Fixed	PTZ
Lens Type	4 mm@f1.0	4.8-120mm@F1.5, AF automatic focusing and motorized zoom lens
Optical Zoom	N/A	25X
Iris	Fixed aperture; F1.0	Auto; F1.5(W) - 3.8(T)
Field of View (H)	94.9°	55.46-3.09°
Field of View (V)	51.5°	32.94-1.73°
Field of View (D)	116.7°	68.22-3.65°

DORI					
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	4 (Fixed)	203.6 ft. (62.1 m)	81.5 ft. (24.8 m)	40.7 ft. (12.4 m)	20.4 ft. (6.2 m)
	4.8 (PTZ)	406 ft. (123.8 m)	162.4 ft. (49.5 m)	81.2 ft. (24.8 m)	40.6 ft. (12.4 m)
	120 (PTZ)	8120.1 ft. (2475 m)	3248 ft. (990 m)	1624 ft. (495 m)	812 ft. (247.5 m)

Illuminator		
	Fixed	PTZ
IR Range	N/A	Up to 100m (328.1 ft)
Warm Light Range	Up to 30m (98.4 ft)	N/A
Wavelength	N/A	850nm (IR)
Light On/Off Control	Auto/Manual	

Video		
	Fixed	PTZ
Video Compression	Ultra 265, H.265, H.264, MJPEG	
Frame Rate	Main Stream: 4MP (2688*1520),Max 30fps; Sub Stream: 1080P (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps;	Main Stream: 4MP (2688*1520),Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; Third Stream: D1 (720*576), Max 30fps;
Video Bit Rate	128 Kbps-16 Mbps	
U-code	Supported	
ROI	Up to 8 areas	
Video Stream	Triple streams	
OSD	Up to 8 OSDs	
Privacy Mask	Up to 4 areas per scene	24 areas, up to 4 areas per scene

Image	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	Normal/Flip Vertical/Flip Horizontal/180°
HLC	Support
BLC	Support
Defog	Digital Defog

Event		
	Fixed	PTZ
Basic Detection	Motion detection, Audio detection, Tampering Alarm	
Auto Tracking	N/A	Supported
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication	

Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	Supported
Suppression	Supported
Sampling Rate	8 kHz

Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR

Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP,SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API,SDK
User/Host	Up to 32 users. 3 user levels: administrator, operator and common user
Security	Password protection, Strong password, HTTPS encryption, Export operation logs, basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Client	ST-Station, STVU
Web Browser	Plug-in required live view: IE10, Chrome 45 and above, Firefox 52 and above, Edge 79 and above

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Pan & Tilt		
	Fixed	PTZ
Pan Range	N/A	360°
Pan Speed	N/A	0.1°/s - 80/s
	Preset speed: N/A	Preset speed: 80°/s
Tilt Range	18° ±5°	-15° -90°
Tilt Speed	N/A	0.1°/s - 80°/s
	Preset speed: N/A	Preset speed: 80°/s
Number of Presets	1024	
Preset Patrol	16 patrols, up to 64 presets for each patrol	
Route Patrol	16 patrols, up to 32 actions for each patrol	
Recorded Patrol	16 patrols, up to 128 actions for each patrol	
Patrol Stay Time	15s - 1800s	
Preset Image Freeze	N/A	
Home Position	Supported	

Interface	
Audio I/O	1/1
Alarm I/O	2/1
Serial Port	1 RS485
Built-in Mic	N/A
Built-in Speaker	N/A
WIFI	N/A
Network	1 * RJ45 10M/100M Base-TX Ethernet
Video Output	N/A

Certifications	
EMC	CE-EMC (EN 55032: 2015+A1:2020, EN 61000-3-3: 2013+A1: 2019, EN IEC 61000-3-2: 2019+A1: 2021, EN 55035: 2017+A11:2020) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
Safety	CE LVD (EN 62368-1:2014+A11:2017) CB (IEC 62368-1:2014) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863)
Protection	IP66 (IEC 60529:1989+AMD1:1999+AMD2:2013)

General	
Power	DC12V(±25%), PoE+(IEEE 802.3at)
	Power consumption: Max 24W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø × H)	Ø6.4" x 12" (Ø163 x 304 mm)
Weight	5.00 lb (2.27kg)
Material	Metal + Plastic
Working Environment	-40 - 149°F (-40 - 65°C), Humidity: ≤95% RH (non-condensing)
Storage Environment	-40 - 158°F (-40 - 70°C), Humidity: ≤95% RH (non-condensing)
Surge Protection	6KV
Reset Button	Supported
Warranty	2-Year Limited Warranty