

# GTC-933-PTZ 3.0 Megapixel FULL HD Speed Dome Camera



## KEY FEATURES

- \*Full HD 1080p real-time + D1 real-time
- \*Powerful 20x optical zoom
- \*Support Triple-streams encoding
- \*Max. 25/30fps@1080P(1920x1080) & 50/60fps@720P resolution
- \*DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- \*Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- \*Max 240°/s pan speed, 360° endless pan rotation
- \*Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- \*Built-in 7/2 alarm in/out
- \*Support intelligent 3D positioning with DH-SD protocol
- \*Micro SD memory, IP66
- \*IR Distance up to 100m
- \*Dimension: 229.6mm x 381.5mm
- \*Weight: 7KG

## TECHNICAL SPECIFICATIONS

<b>Model No.</b>	<b>GTC-933-PTZ</b>
<b>Camera</b>	
Image Sensor	1/2.8" Exmor CMOS
Effective Pixels	1920(H) x 1080(V)
Scanning System	Progressive
Electronic Shutter Speed	1/1 ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6
S/N Ratio	More than 50dB
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC
Scanning System	Progressive
Electronic Shutter Speed	1/1 ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6
<b>Camera Features</b>	
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	Ultra DNR (2D/3D)
Privacy Masking	Up to 24 areas
Digital Zoom	16x
<b>Lens</b>	
Focal Length	4.7mm ~ 94.0mm (20x Optical zoom)
Max Aperture	F1.6 ~ F3.5
Focus Control	Auto / Manual
Angle of View	H: 51° ~ 2.60°
Close Focus Distance	100mm~ 1000mm
<b>PTZ</b>	
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~ 160° /s; Tilt: 0.1° ~ 120° /s
Preset Speed	Pan: 240° /s; Tilt: 200° /s
Preset	80(DH-SD), 255(Pelco-P/D)
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan
Speed Setup	Human-oriented focal length/ speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period
Protocol	DH-SD, Pelco-P/D (Auto recognition)
IR Distance	100m (2 near IR LED+ 4 far IR LED)
<b>Video</b>	
Compression	H.264 / MJPEG

Resolution	1080P(1920×1080) / 720P(1280×720) / D1(704×576/ 704×480) /CIF (352×288/352×240)
Frame Rate	Main Stream, 1080P/ D1 (1 ~ 25/30fps), 720P(1~50/60fps)
	Sub Stream 1, D1/CIF(1 ~ 25/30fps)
	Sub Stream 2, 720P/D1/ CIF (1 ~ 25/30fps)
Bit Rate	H.264: 56K ~ 8192Kbps, MJPEG: 56K ~ 20480Kbps
<b>Audio</b>	
Compression	G.711a / G.711u(32kbps)/ PCM(128kbps)
Interface	1/1 channel In/Out
<b>Network</b>	
Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x
Compatibility	ONVIF PSIA CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
<b>Auxiliary Interface</b>	
Memory Slot	Micro SD, Max 64GB
RS485	1
Alarm	7/2 channel In/Out
<b>General</b>	
Power Supply	AC 24V/3A (±10%)
Power Consumption	10.5W, 26W (IR on, Heater on)
Working Environment	-40°C ~ 60°C / Less than 90% RH
Ingress Protection	IP66
Dimensions	Φ229.6(mm) x 381.5(mm)
Weight	7.8kg

*\*Design and specifications are subject to change without prior notice.*