

# GTC-820PTZ / GTC-850PTZ

2.0 / 5.0 Megapixel AHD PTZ Speed Dome Camera

## KEY FEATURES

- \* 2.0MP 1/2.8" CMOS Sensor / 5.0MP 1/2.7" CMOS Sensor
- \* Up to 2MP(1920\*1080) / 5MP(2592\*1944) resolution
- \* Powerful 25x optical zoom
- \* 120dB true WDR, 3D DNR
- \* IR distance up to 150m
- \* IP66



## TECHNICAL SPECIFICATIONS



Model No.	GTC-820PTZ	GTC-850PTZ
Image Sensor	2.0MP 1/2.8" CMOS Sensor	5.0MP 1/2.7" CMOS Sensor
Effective Pixels	1920(H)*1080(V)	2592(H)*1944(V)
Min. Illumination	Color: 0.005Lux@F1.6; 0Lux@F1.6 (IR on)	
Shutter time	PAL: 1/3s~1/30,000s ; NTSC: 1/4s~1/30,000s	
S/N Ratio	More than 55dB	
IR Distance	Distance up to 150m (492ft)	
IR On/Off Control	Auto/Manual	
IR LEDs	6	
Focal Length	4.8~120MM	
Max. Aperture	F1.6 ~ F4.4	
Angle of View	H: 59.2° ~ 2.4°	
Optical Zoom	25x	
Focus Control	Auto/Manual	
Close Focus Distance	100~ 1000MM	
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	
Presets	300	
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/ Scan/ Tour/ Pattern if there is no command in the specified	
Frame Rate	25/30fps@1080P, 25/30/50/60fps@720P	
Video Output	1-channel BNC high definition video output/ CVBS standard definition video output (switchable)	
Day/Night	Auto(ICR) / Color / B/W	
OSD Menu	Support	

Backlight Compensation	BLC / HLC / WDR (120dB)
White Balance	Auto,ATW,Indoor,Outdoor,Manual
Noise Reduction	Ultra DNR (2D/3D)
Digital Zoom	16x
Flip	180°
Privacy Masking	Up to 24 areas
Video Interface	1
Audio Interface	1 channel in
RS485	1
Alarm I/O	2/1
Power Supply	AC24V/3A(±10%)
Power Consumption	13W,23W (IR on)
Operating Conditions	-40°C ~ 60°C (-40°F ~ +140°F) / Less than 90% RH
Weatherproof	IP66
Dimensions	Φ205(mm) x 336(mm)
Net Weight	5kg(11.02lb)
Gross Weight	8.3kg(18.30lb)

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