

ZOOM CAMERA

TZQ-2701, TZQ-2702, TZQ-2703

x27 OPTICAL POWER ZOOM CAMERA



- FEATURES -

- 1/4" Super HAD Color CCD
- 550TV Lines Horizontal Resolution (B/W : 680TV Lines)
- Excellent Low Light Sensitivity of 0.4Lux/F1.6 (B/W : 0.02Lux/F1.6)
- High Durability Built In x27 Optical Power Zoom
- x12 Digital Zoom (Total : x324 Zoom)
- Auto Focus / Auto Iris
- DNR : Digital Noise Reduction
- True Day & Night : Filter Switching Mechanism
- PELCO-D Protocol included
- RS-485 Supported
- OSD Built-in
- Wired Remote Controller (1.5m, 35m as optional)

* TZQ-2702 : AC 24V / DC 12V (Dual Voltage)

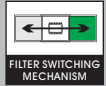
* TZQ-2703 : AC 230V



1/4 SUPER HAD
COLOR CCD



COLOR



FILTER SWITCHING
MECHANISM



DAY & NIGHT



DNR
DIGITAL NOISE
REDUCTION



HLC
HIGH-LIGHT
COMPENSATION



DIS
DIGITAL
IMAGE STABILIZER



X27 OPTICAL
ZOOM LENS

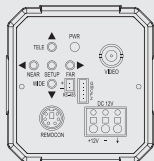
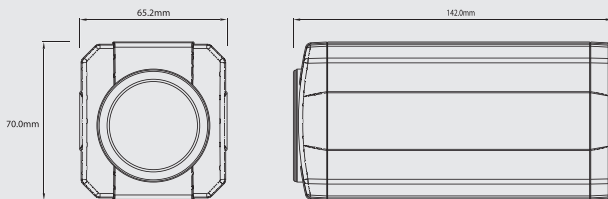


AUTO-IRIS

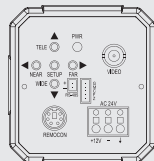


DC 12V

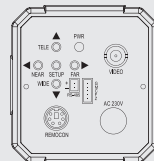
- DIMENSION -



DC 12V



AC 24V



AC 230V

- REMOTE CONTROLLER (OPTION) -



TZR-S1000 (10m Cable)

- SPECIFICATIONS -

TZQ-2701		
Signal Format	NTSC	PAL
Image Sensor	1/4" Super HAD Color CCD	
Total Pixels	811(H) x 508(V)	795(H) x 596(V)
Effective Pixels	768(H) x 494(V)	752(H) x 582(V)
Optics	x27, f=3.5 to 94.5mm (F1.6 to 2.9)	
Min. Focus Distance	1500mm	
Digital Zoom	OFF / ON (Limit x12)	
Angle Field of View	H : Appr. 55.5° (Wide) to 2.24° (Tele) / V : Appr. 42.5° (Wide) to 1.79° (Tele)	
Scanning System	2:1 Interlace	
Synchronization	Internal	
Frequency	15.734 KHz(H) / 59.94 Hz(V)	15.625 KHz(H) / 50.00 Hz(V)
Resolution	Color : 550TV Lines (Min.), B/W : 680TV Lines (Min.)	
Min. Illumination	Color : 0.4Lux/F1.6, B/W : 0.02Lux/F1.6	
S/N (Y signal)	50dB (AGC Off, Weight On)	
Video Output	CVBS : 1.0Vp-p/75Ω	
Focus	AUTO / MANUAL / ONE-PUSH	
Zoom Movement Speed	1.8sec (Fast) / 2.3sec (Middle) / 4.5sec (Slow) : Wide to Tele	
IRIS Control	AUTO / MANUAL	
Lens Initialize	Built-in	
Camera Title	ON / OFF (20 characters)	
Camera ID	256 ID	
Day & Night	AUTO / COLOR / BW (ICR)	
Gain Control	LOW / MIDDLE / HIGH / MANUAL / OFF	
White Balance	ATW / AWC / MANUAL / INDOOR / OUTDOOR	
Backlight Compensation	BLC / HLC / OFF	
Electronic Shutter Speed	AUTO / MANUAL / A.FLK (x256~1/60sec~1/120,000sec)	AUTO / MANUAL / A.FLK (x256~1/50sec~1/120,000sec)
OSD	Built-in	
Motion Detection	ON / OFF (Output via communication)	
Control Output	Pelco-D (2400, 4800, 9600, 19200, 38400, 57600, 115200 bps)	
Digital Noise Reduction	LOW / MIDDLE / HIGH / OFF	
Privacy	ON / OFF (8 Zones)	
Flip	ON / OFF	
Mirror	ON / OFF	
Digital Image Stabilizer	ON / OFF	
Preset	128 Positions	
Input Voltage	DC 12V (±10%)	
Power Consumption	Max. 5.1W	
Operating Temp / Hum	Temperature : -10°C to +50°C / Humidity : 20% to 80% RH	
Storage Temp / Hum	Temperature : -20°C to +60°C / Humidity : 20% to 95% RH	
Dimension / Weight	65.2(W) x 70.0(H) x 142.0(D)mm / Approx. 560g	