

ZOOM CAMERA

TZQ-2301, TZQ-2302, TZQ-2303

X23 OPTICAL POWER ZOOM CAMERA



- FEATURES -

- High Sensitive 1/4" Super HAD CCD
- 550 TV Lines at center / BW 600TV Lines
- Min. Illumination :
Color 0.7Lux, B/W 0.1Lux, Sens-up 0.0007Lux
- Built in Auto Focus / Auto Iris
- OSD (On Screen Display)
- High Durability Built In x23 Optical Power Zoom
- x10 Digital Zoom (Total : x230 Zoom)
- x2 ~ x10 Variable Digital Zoom ranges
- SSNR Function (Super Noise Reduction)
- PELCO-D Protocol included
- RS-485 Supported
- Wired Remote Controller (1.5m, 35m as optional)

* TZQ-2302 : AC 24V / DC 12V (Dual Voltage)

* TZQ-2303 : AC 230V



1/4 SONY DSP
SUPER HAD CCD



COLOR



FILTER SWITCHING
MECHANISM



X23 OPTICAL
POWER ZOOM LENS



DAY & NIGHT



SSNR
SUPER NOISE
REDUCTION



SENS-UP
SENS-UP
0.0007 Lux



AUTO-IRIS

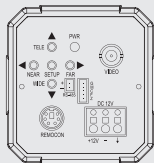
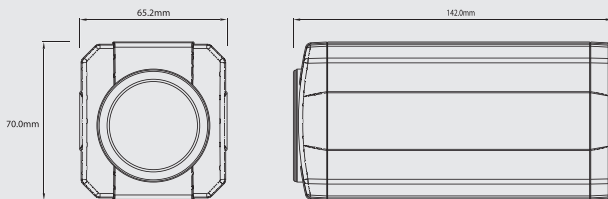


ELECTRONIC
SHUTTER

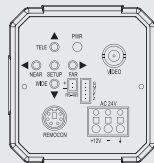


DC 12V

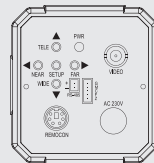
- DIMENSION -



DC 12V



AC 24V



AC 230V

- OPTION REMOTE CONTROLLER -



TZR-S1000 (10m Cable)

- SPECIFICATIONS -

TZQ-2301		
Signal Format	NTSC	PAL
Image Sensor	1/4" Interline Transfer 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	x23, f=3.84 to 88.4mm	
Min. Focus Distance	1000mm	
D. Zoom	OFF / ON (Limit x10)	
Angle Field of view	H : Appr. 58.0° (Wide end) to 2.22° (Tele) / V : Appr. 44.8° (Wide) to 1.68° (Tele)	
Scanning System	2:1 Interface	
Synchronization	Internal / Line-Lock	
Frequency	15.734 KHz(H) / 59.94 Hz(V)	15.625 KHz(H) / 50.00 Hz(V)
Resolution	Color : 550 TV Lines (Min.), B/W : 600 TV Lines (Min.)	
Min. Illumination	Color : 0.7Lux, B/W : 0.1Lux, Sens-up : 0.0007Lux	
S/N (Y signal)	50dB (AGC Off, Weight On)	
Video Output	CVBS : 1.0Vp-p/75Ω	
Focus	AUTO / MANUAL / ONE-PUSH	
Zoom Movement Speed	5.2 sec : Wide to Tele	5.4 sec : Wide to Tele
IRIS Control	AUTO / MANUAL	
Lens Initialize	Built-in	
Camera Title	ON / OFF (Displayed 20 characters)	
Camera ID	255 ID Selectable	
Day & Night	AUTO / COLOR / BW (ICR)	
Gain Control	LOW / MIDDLE / HIGH / OFF Selectable	
White Balance	ATW (Indoor : 3,000°K~6,500°K / Outdoor : 1,800°K~10,500°K) / AWC / MANUAL	
Backlight Compensation	WDR / USER / HLC / OFF	
Electronic Shutter Speed	AUTO / MANUAL / A.FLK (x128~1/60sec~1/120,000sec)	AUTO / MANUAL / A.FLK (x128~1/50sec~1/120,000sec)
OSD	Built-in	
Motion Detection	ON / OFF (Output via communication)	
Control Output	Pelco-D (2400, 4800, 9600, 19200, 38400, 57600 bps)	
SSNR	LOW / MIDDLE / HIGH / OFF Selectable	
Privacy	ON / OFF (32 Zones, 4 Programmable Zones per Screen)	
Preset	8 Positions (Stored with Internal EEPROM)	
Input Voltage	DC 12V (±10%)	
Power Consumption	Max. 4.8W	
Operating Temperature/Humidity	-10°C to +50°C / 20% to 80% RH	
Storage Temperature/Humidity	-20°C to +60°C / 20% to 95% RH	
Dimension	65.2(W) x 70(H) x 142(D)mm	
Weight	Approx. 560g	