

## ZOOM CAMERA

# TZQ-3701, TZQ-3702, TZQ-3703

## X37 OPTICAL POWER ZOOM CAMERA



### - FEATURES -

- High Sensitive 1/4" Super HAD CCD
- 550 TV Lines at center / BW 620TV Lines
- Min. Illumination : Color 1Lux/F1.6, B/W 0.1Lux/F1.6
- Built in Auto Focus / Auto Iris
- OSD (On Screen Display)
- High Durability Built In x37 Optical Power Zoom
- x12 Digital Zoom (Total : x444 Zoom)
- x2 ~ x12 Variable Digital Zoom ranges
- WDR : Wide Dynamic Range
- SSNR : Super Noise Reduction
- PELCO-D Protocol included
- RS-485 Supported
- Wired Remote Controller (1.5m, 35m as optional)

\* TZQ-3702 : AC 24V / DC 12V (Dual Voltage)

\* TZQ-3703 : AC 230V



1/4 SONY DSP  
SUPER HAD CCD



COLOR



FILTER SWITCHING  
MECHANISM



X37 OPTICAL  
POWER ZOOM LENS



DAY & NIGHT



WDR  
WIDE DYNAMIC  
RANGE



SSNR  
SUPER NOISE  
REDUCTION



SENS-UP  
SENS-UP  
0.004 Lux



AUTO-IRIS

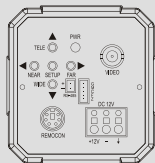
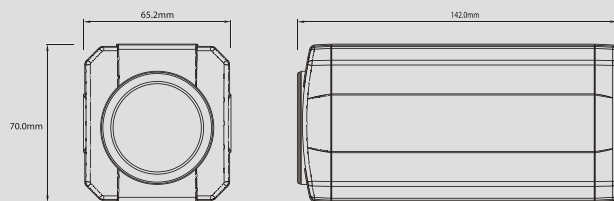


ELECTRONIC  
SHUTTER

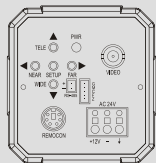


DC 12V

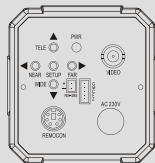
### - DIMENSION -



DC 12V



AC 24V



AC 230V

### - OPTION REMOTE CONTROLLER -



TZR-S1000 (10m Cable)

### - SPECIFICATIONS -

TZQ-3701		
Signal Format	NTSC	PAL
Image Sensor	1/4" Double Density 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	37X, f=3.5 to 129.5.0mm (F1.6 to 3.9)	
Min. Focus Distance	1500mm	
D. Zoom	OFF / ON (Limit 12x)	
Angle Field of view	H : Appr. 55.5° (Wide) to 1.59° (Tele) / V : Appr. 42.5° (Wide) to 1.19° (Tele)	
Scanning System	2:1 Interlace	
Synchronization	Internal / VD-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 : 620 TV Lines (Min.)	
Min. Illumination	Color : 1Lux/F1.6 (50 IRE), B/W : 0.1Lux/F1.6 (50 IRE)	
S/N (Y signal)	50dB (AGC Off, Weight On)	
Video Output	CVBS : 1.0Vp-p/75Ω	
Focus	AUTO / MANUAL / ONE-PUSH	
Zoom Movement Speed	2.5 sec (Fast) / 3.1 sec (Middle) / 5.6 sec (Slow)	
IRIS Control	AUTO / MANUAL	
Lens Initialize	Built-in	
Camera Title	ON / OFF (20 characters)	
Camera ID	255 ID	
Day & Night	AUTO / COLOR / BW (ICR)	
Gain Control	LOW / MIDDLE / HIGH / MANUAL / OFF	
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 (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)	
SSNR	LOW / MIDDLE / HIGH / OFF	
Privacy	ON / OFF (8 Zones)	
Preset	8 Positions	
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	