

Model No.: TSC-430D

Outdoor 30x Wide Dynamic Day&Night High Speed Dome Camera

Features:

- ◎ The highest **Optical Zoom 30 times**, Focusing Distance: 3.3~99mm
- ◎ **Wide Dynamic Range** enhanced by 126X to against strong back light.
- ◎ Crisp & Clear image through **SONY EX-View HAD CCD**
- ◎ High Sensitivity: 0.5Lux/F1.6(Color), Outstanding WDR 52db
- ◎ **Super Noise Reduction** offer the efficient hard disk saving(70% saving effect compared to standard cameras)
- ◎ Day&Night Mode by Auto **IR Cut Filter Removal** available
- ◎ **Auto Electronic Flip**(Make the images flip 180° immediately without interruption while tracking and monitoring the object passing right below the camera for positive direction)
- ◎ 6" Aluminum Alloy Dome Housing, Double Layers Design strengthens the heat insulation, Heavy Duty Aluminum Wall Mount Bracket(**complies with ROHS requirements**)
- ◎ **128** programmable preset positions
- ◎ 4 Programmable Preset Tours, Each Tour with 32 Preset Positions
- ◎ Preset **Dwell Time** can be adjustable **1 ~ 255** sec.
- ◎ Built-in **Memory** to store the setting
- ◎ **360° Continuous** Pan Rotation, 90° Tilt Scan Range
- ◎ Manual Pan/Tilt Speed : **0.02°** ~ 180° / sec.
- ◎ Recall Speed : **360°** /sec.
- ◎ Remote Control Via **RS485** Interface
- ◎ Built-in **Heater and Blower**(Let Mechanism work in a certain Temperature)
- ◎ Weather Proof Design, Meet Protection Grade **IP66**
- ◎ **Location Feedback OSD**(Location Value will be shown on the screen)
- ◎ **OSD Menu for the Settings of Camera Module**



Specification:

Model No.	TSC-430DP	TSC-430DN
System	PAL	NTSC
Image Device	1/4" Double Scan Ex-View 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)
Scanning System	2:1 Interlace , V: 50Hz, H: 15.625KHz	2:1 Interlace , V: 59.94Hz, H: 15.734KHz

Lens Furnished	30 times Optical Zoom (f = 3.3mm(WIDE) ~ 99mm(TELE) / F1.6 ~ F3.2)	
Angle of View	Horizontal: 58.0° (WIDE end) to 2.22° (TELE end) Vertical: 44.8° (WIDE end) to 1.68° (TELE end)	
Minimum Focus Distance	1200mm	
Minimum Illumination	Normal Color Mode: 0.4 Lux / F1.6 B/W Mode: 0.08 Lux / F1.6 ICR(IR Cut Removable)-ON Mode: 0.003Lux / F1.6	
Video Output	1Vp-p Composite Output, 75 ohms	
S/N Ratio	50dB(AGC off, Weight on)	
Horizontal Resolution	Color: 520 TV Lines (Min.) ; B/W: 570 TV Lines(Min.)	
Electronic shutter speed	Auto / Manual (1/50 ~ 1/120,000sec)	Auto / Manual (1/60 ~ 1/120,000sec)
Pan Travel	360° Endless Continuous Rotation	
Tilt Travel	-10° ~ +90°	
Manual Pan/Tilt Speed	0.02° ~ 180° /sec. (8 Level Various speed) (0.02° / 0.5° / 2° / 8° / 15° / 30° / 60° / 150°)	
Recall Speed	360° /sec.	
Auto Flip	Electronic Flip	
Flip Speed (Pan-180°)	360° /sec.	
Preset Positions	128 positions / 4 Preset Tours (Each Tour with 32 preset positions) (All points can be selected under “Auto Scan” mode)	
Motion Tours	1) Tour 2) Auto Scan(between 2 points) 3) Preset 4) Patrol(Various Speed by Setting)	
Preset Dwell Time	1 ~ 255 sec.(8 Levels) (2s / 5s / 10s / 30s / 60s / 90s / 120s / 250s)	
Camera ID No.	ID Address No.1 ~ No.63(Can extend up to No. 254)	
Sync. System	Internal/Line Lock	
Communication	RS485 (2400/4800/9600/19200 Baud Rate)	
Control Protocol	Support various brands: Pelco D type (for Standard), Others(Customer Option)	
Pan / Tilt control	Step motor x 2 sets (0.0225° /step)	
Alarm Input	6 Inputs / Connect to various sensors (Optional)	
Alarm Output	2 Outputs / Relay (NC/NO) (Optional)	
Power Supply	DC 12V / 1.5A ; AC24V(Optional)	
Operating Temperature	- 40°C ~ 70°C	
Operating Humidity	0% ~ 90%	
Heater & Blower	Yes	

※Design and specifications are subject to change without notice