

TSF-M208

WONWOO

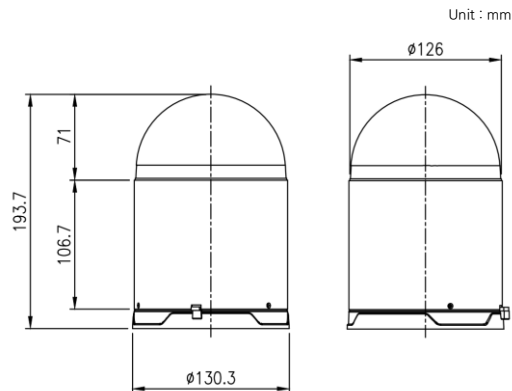
2MP 20x Speed Dome Camera



Features

- 1/2.8" Sony CMOS Sensor
- HD-SDI
- 20x Optical Zoom(5.2 mm ~ 104.0 mm) & x32 Digital Zoom
- Day & Night(ICR)
- Wide Dynamic Range
- Digital Noise Reduction
- Digital Image Stabilization
- Privacy Mask Function
- High Light Compensation
- Defog Function
- 255 Presets, 8 Tours, 8 Scans, 4 Patterns
- 360° Endless Pan Rotation
- RS-422, RS-485 Communication
- Supports Multiple Protocols
- Airflow Control System

Dimensions



TSF-M208				
CAMERA				
Image Sensor		1/2.8" Sony CMOS Sensor		
Total Pixels		1945(H) x 1109(V) = 2.16M Pixels		
Active Pixels		1937(H) x 1097(V) = 2.12M Pixels		
Video Format		1080p@30/25fps, 720p@60/50fps, 720p@30/25fps		
Min. Illumination	COLOR	0.01 lux / DSS 0.001 lux		
	BW	0.001 lux / DSS 0.0001 lux		
S/N Ratio		more than 50dB(AGC off)		
Video Output		HD-SDI		
LENS				
Lens Type		20x Day & Night Zoom Lens		
Zoom Ratio		Optical 20x, Digital x32 Zoom		
Focal Length		f = 5.2 mm ~ 104.0 mm		
Aperture Ratio		F1.5(Wide) ~ F3.5(Tele)		
Angle Of View (D, H, V)	WIDE	63.2°	56.4°	33.5°
	TELE	3.5°	3.1°	1.7°
PAN / TILT				
Pan		360° Continuous Pan, 0.1° to 120°/sec		
Pan Speed		360°/sec, ± 0.1° Accuracy		
Tilt		0°~180° / 0.1° to 120°/sec.		
Tilt Speed		250°/sec, ± 0.05° Accuracy		
Preset		255 points, less than 0.1° accuracy		
CAMERA FUNCTIONS				
Day & Night		Auto / Day / Night		
WDR/BLC		Off / WDR / BLC / HLC / ACE		
DNR		Auto / Off / Low / Middle / High		
Defog		Off / On		
Image Stabilization		Off / On		
Privacy Mask		Off / On(8 positions)		
Digital Slow Shutter		Off / x2 / x4 / x8 / x16 / x32		
Gain Control		Off / On		
White Balance		Auto / One Push / Manual / Indoor / Outdoor / Auto-Ext		
Shutter Speed		1/30(25) ~ 1/60,000 sec		
E.Zoom		Off / On		
Digital I/O		4 alarm / 1 relay out		
Remote Control Interface		RS-422, 485		
Protocol		Pelco-D / Pelco-P / WONWOO / EZP		
GENERAL				
Power Source		AC24 / DC15~26V		
Power Consumption		8W / Max 11W(FAN&IP ON)		
Operating Temperature		-10°C ~ +50°C / 0% ~ 90% RH		
Material		Aluminum		
Dimensions		130.3(Ø) x 193.7(H) mm		
Weight		1.5kg		