CMA-220S



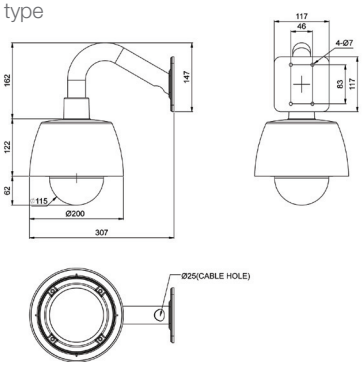
FEATURES

- 700TV Lines (Color), 750TV Lines(B/W)
- Min. illumination 0.5Lux (Color), 0.2Lux (B/W)
- 12x(3.8~45.6mm) optical zoom, 32x digital zoom
- WDR / Day&Night (Auto ICR) / DNR
- 127 Preset, 4 Pattern, 8 Scan, 8 Group, 4 Privacy Zones
- 2 Sensor Inputs & 1 Relay Output
- 360° Endless Pan, Tilt/ Zoom
- DC12V

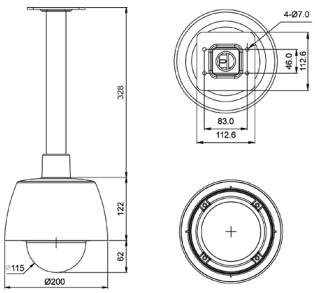
DIMENSION

Unit : mm

Wall mount type



Ceiling mount type



SPECIFICATION

MODEL	CMA-220S
CAMERA	
Image Sensor	1/4" Sony Super HAD II(Double Scan) CCD
Total Pixels	NTSC : 1028(H) x 508(V) 520K PAL : 1028(H) x 596(V) 610K
Horizontal Res.	Color: 700 TV lines / B/W: 750TV lines
S/N Ratio	50dB (AGC off)
Zoom	12x Optical Zoom and 32x Digital Zoom (Total 384x)
Focal Length	F1.6(W) ~ 2.7(T), f = 3.8(W) ~ 45.6(T)mm
Min. Illumination	Color: 0.5Lux(DSS On : 0.001 Lux)
	B/W: 0.2Lux(DSS Off : 0.0004 Lux)
Day&Night	Auto / Day / Night (ICR)
Focus	Auto / Manual / Semi-Auto
Shutter Speed	NTSC : X2~x512, 1/60~ 1/100,000 sec PAL : X2~x512, 1/50~ 1/100,000 sec
AGC	On/Off (Max. Level Setting)
White Balance	Auto / One Push / Manual / Indoor / Outdoor / ATW
WDR, DNR	On / Off
Other Functions	Frame Freeze function, System Image Flip by installation type
PAN/TILT	
Range	Pan : 360° (Endless)
	Tilt : 180°(Auto-Flip On) , 90°(Auto-Flip Off)
Pan/Tilt Speed	Preset : 360°/ sec
	Manual : 0.05°~ 360°/ sec (Zoom Proportional)
	Scan : 1°~ 180°/ sec
Preset	127 Presets with Labels / Independent Camera Setup
Pattern	4 Patterns
Scan	8 Scans
Group	8 Groups (MAX. 20 Entries for Each Group)
Schedule	7 Rules (Condition: Day Time-> Action: Preset, Scan, Group, Pattern)
Other Functions	Image Auto Flip, Auto parking, Power-up Action & etc.
GENERAL	
Video Out	CVBS: 1.0 V p-p / 75Ω
Communication	RS-485
Protocol	Auto, Pelco-D, Pelco-P, Samsung, Panasonic, Kalatel Selectable
Privacy zone	4 zones
Sensor In/Out	Built in 2 Input / 1 Output
OSD	Temperature, Day and Date & Time Display, Support 7 languages:English/Spanish/French/German/Italian/Russian/Portuguese
Power	DC12V, 10W (Dual Voltage: Optional)
Approvals	FCC, CE, IP66, ROHS
Operating Temp.	-10°C ~ 50°C / 14°F ~ 122°F
Weight	Net: 2 Kg, Package: 3 Kg
Dimension	Ø165 x 100.5(H) mm