HDSDI

WALL
MOUNT

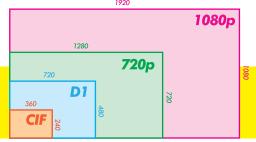**WALL MOUNT PACK
ACCESSORIES**

Manual
Backet Sealing Rubber Pad
Video & Data Cable
L Shape Star Wrench
Mounting Parts

3 MEGA PIXEL Up To 1080p

x22 **MORE COVERAGE than Conventional CCTV Camera**

1920
1080p
1280
1080
720p
720
720
D1
360
480
CIF
240

1080P IN/OUTDOOR PTZ
WITH HIGH SPEED ×360 ZOOM

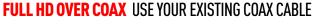CEILING
MOUNT

x30 OPTICAL ZOOM
x360 TOTAL ZOOM

**CEILING MOUNT PACK
ACCESSORIES**

Manual
Backet Sealing Rubber Pad
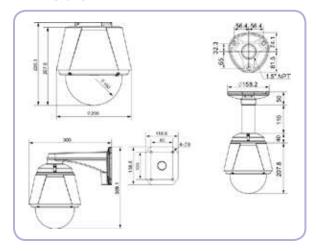Video & Data Cable
L Shape Star Wrench
Mounting Parts

MADE IN KOREA

KEY FEATURES

- 3.0 Mega-Pixel Resolution PTZ
- ×360 Zoom Control (Optical ×30 / Digital ×12)
- True Day & Night with ICR (IR Cut Filter)
- WDR (Wide Dynamic Range)
- NR (Noise Reduction) / Image Stabilization Function
- Minimum Illuminance (0.8 Lux @ Color / 0.1 Lux @ B/W)
- Super Speed (500°/SEC.) with 360° Endless Pan Rotation
- The Shortest Path with Vector Drive Technology
- Micro Control (0.05°/SEC.) with Micro Stepping Control Technology
- Super Video Quality with RAW Video Data
- HD-SDI Standard Support
  (HDcctvTM V1.0 / 1.485Gb/s / SMPTE 292M)
- Simultaneous HD-SDI & Composite Output
- OSD(On-Screen Display) Menu with Password Function
- 8 Privacy Masks with Spherical Coordinates
- 8 Sets of Scheduler Function with Real Time Clock
- 255 Presets (46 Presets reserved for Hot Keys)
  10 Swings / 4 Patterns / 8 Groups
- Frame Freeze Function
- Vandalproof / Weatherproof with Built-in Fan & Heater
- Waterproof (IP 67)

DIMENSIONS

Camera	Image Sensor	6.49mm (1/2.8 Type) CMOS Sensor
	Resolution	3M Pixels (2096 × 1561)
	ISP	XDI-II
	Zoom	Optical ×30 & Digital ×12
	Focal Length	F1.6~5.0, f=4.3~129.0 mm
	Gain Control	Auto / Low / Middle / High
	Shutter Control	Auto / Manual (1/30 ~ 1/10,000 SEC.)
	White Balance	Auto / ATW / One Push / Manual
	Day & Night	Auto / Day / Night (ICR)
	Minimum Illuminance	0.8 Lux (Color, AGC 30, Sens-up Off) / 0.1 Lux (B/W, AGC 30, Sens-up Off)
	BLC	WDR / BLC / Off
	Sens-up	Off / Auto (x2, x3, x4, ...x64)
	NR (Noise Reduction)	3D-DNR (Off / Low / Middle / High)
	Privacy Zone	8 Masks with Spherical Coordinate
	Image Stabilization	On / Off
Pan/Tilt	Range	Pan : 360°(Endless) / Tilt : 90°
	Pan/Tilt Speed	Preset : 500° / SEC.
		Manual : 0.05° ~ 360° / SEC. (Zoom Proportional)
		Swing : 10°~180° / SEC.
	Preset	255 Presets (46 Presets reserved for Hot Keys)
	Pattern	4 Patterns [768 Commands(Approximate 5 Minutes) / 1 Pattern]
	Swing	10 Swings
	Group	8 Groups (MAX. 40 Actions with The Combination of Preset, Pattern and Swing)
	Scheduler Function	8 Scheduler Functions with RTC(Real Time Clock)
	Other Functions	Auto Flip, Auto Parking, Power-up Action & etc.
Video	Output	2 x BNC (HD-SDI and CVBS)
	HD-SDI Standard	HDcctv V1.0 / 1.485Gb/s / SMPTE 292M
		Resolution : 1080p30, 1080i60, 720p60/30
	CVBS	1.0 Vp-p
RTC(Real Time Clock)	YES (RTC Battery Backup Time : Approximate 2 Weeks)	
OSD	YES (English)	
Serial Port	Port	RS-485 for PTZ Control
	Protocol	Pelco-D, Pelco-P Selectable
Sensor / Alarm	Sensor Input	3 Inputs, Photo-Coupler Type, DC 5V~12V
	Alarm Output	1 Output, Relay Output, MAX. Load DC 24V / 1.0A or AC 125V / 0.5A
Physical	Mount Bracket	Wall Mount Bracket or Ceiling Mount Bracket
	Dimension	Dome : Ø150mm / Ø5.9"
		Wall Mount : 200(Ø) × 408(H) [mm] / 7.87"(Ø) × 16.1"(H)
		Ceiling Mount : 300 × 309(H) [mm] / 11.8" × 12.2"(H)
	Weight	Approximate 3.6 Kg / 7.9 Lbs with Wall Mount Bracket
		Approximate 3.4 Kg / 7.5 Lbs with Ceiling Mount Bracket
	Material	Dome : Poly Carbonate / Housing : Aluminum
	Rated Power	Dual Power Support : DC 12V / 1.8A or AC 24V / 2.0A
	Waterproof	IP 67
	Fan	Always ON
	Heater	Operation Start from Internal Temperature 10 °C (50°F)
	Operating Temp.	-30°C ~ 50°C (-34°F ~ 122°F

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