X12 HD-SDI OUTDOOR PTZ CAMERA
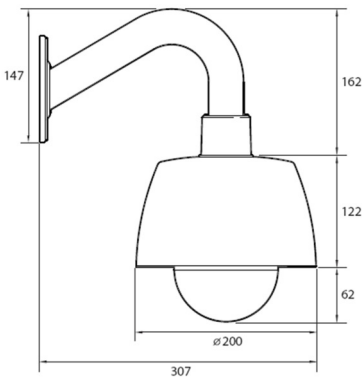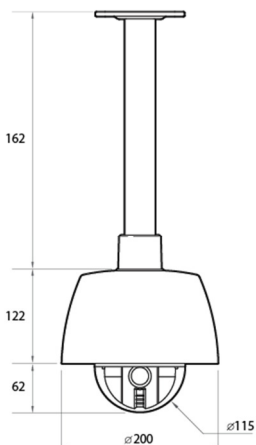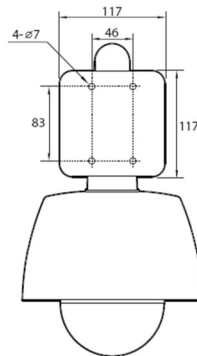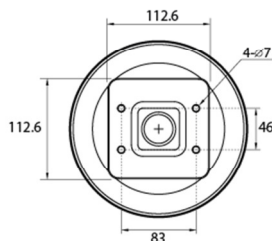
PSSD-1221N
PSSD-1221P

● **Dimension**

Wall Mount Bracket

Ceiling Mount Bracket

1. General Features

Fast & Silent Motion
- Extremely quiet and low vibration
- Shortest Path by Vector Drive Technology
- High Accuracy with Micro-Stepping Control Technology
- Adaptive Pan Tilt speed to Zoom ratio
- Lightning Speed (MAX. 360°/sec)
- Smooth Manual Speed (MIN. 0.05°/sec)
- Endless 360° Pan Rotation

Superior Zoom Camera
- X144 Zoom Control(Optical x12, Digital x12)
- Day & Night (ICR)

Powerful Function
- Independent Camera Setup (AE, WB and etc.)
- 255 Preset Positions with Alphanumeric Labels
- 4 Pattern, 8 Scan and 8 Group Functions
- Power-up Action
- Built-in 1 Sensor Inputs and 1 Relay Output
- Vandal-Proof (Dome Cover : PC), (Housing & Accessories : AL Die-cast)

2. Key Features

HD-SDI
SDI is the transmitting technology through the 75 Ω coaxial cable by serializing the video signal that is not compressed. The video signal that is transmitting through SDI is a kind of digital signal.
Therefore, contrary to the analog signal which is influenced by the deformation of video signal and the distance of transmit, it is possible to transmit the video signal without limitation of distance and deformation of signal through Equalization and Reclocking of the video signal at intervals.

Micro-Step Technology
Due to the Micro-stepping technology, one step angle is divided by 256.Accordingly, high accuracy as well as ultra low sound noise(under 60dB) can be achieved. Micro-stepping technology enables ultra low speed down to 0.05°/s for high zoom operations.

Vector Driving
Utilizing Vector drive technology, Pan and Tilt motion is done with simultaneous and harmonious manner.

Independent Camera Setup
Camera setup such as AWE, WB and etc can be configured on each preset view. Target spot in different distance and illumination can be watched with most preferred setup.

Vandal Proof Design
All housing is designed to withstand rugged environments. Aluminum die –casting enclosure and Poly Carbonate clear dome enables stable 24hours security tasks.

Weather Proof Design
Due to IP66 environment protection as well as built-in Fan & Heater, speed dome camera will serve you all the time regardless of rain, snow and storm.

Specification

CAMERA

Image Device	1/4" 0.92Megapixel CMOS
S/N Ratio	50dB (AGC Off)
Zoom	X12 Optical Zoom X12 Digital Zoom
Focal Length	F 1.6 ~ 2.5 f=3.7 ~ 44.4mm
Horizontal angle	53.6°(W) ~4.6 °(T)
MIN. Illuminance	Color: 1.2 Lux @ F1.6 ,50 IRE, High sensitivity Mode : 0.3 Lux@F1.6 50IRE B/W:0.3Lux @ F1.6 ,50 IRE, High sensitivity Mode : 0.08 Lux@F1.6 50IRE
Shutter Speed	1/1 ~ 1/10,000 sec (22Steps)
Day & Night	Auto / Day / Night (ICR)
Focus	Auto / Manual
Exposure Mode	Full Auto/ Shutter /Iris /Bright /Manual
White Balance	Auto / Manual /Indoor/Outdoor/ One-push Mode
AGC	Auto/Manual (-3dB ~ 18dB, 8Step)
BLC	On/Off

PAN / TILT

Range	Pan : 360°(Endless)
	Tilt : 90°
Pan/Tilt Speed	Preset : 360°/ sec
	Manual : 0.05°~ 360°/ sec (Zoom Proportional)
	Scan : 1°~ 360°/ sec
Preset	255 Presets with Labels / Independent Camera Setup
Pattern	4 Patterns (Approx. 5 Minutes for Each Pattern)
Scan	8 Scans
Group	8 Groups (MAX. 20 Entries for Each Group)
Other Functions	Power-up Action & etc.

GENERAL

Sensor In/Out	Built-in 1 Input/ 1 Output
Video Out	720/60p, 720/50p
Communication	RS-485
RS-485 Protocol	Auto(Pelco-D, Pelco-P, Samsung-E can be supported automatically)
OSD	ON / OFF
Power	AC 24V / DC 12V
Approvals	FCC, CE, IP66, ROHS
Housing	Vandal Proof Structure Color: White Pearl
Material	Body: Aluminum Die-casting Clear Bubble: Polycarbonate
Dimension	Net (∅×H): Ø200 x 205(H) mm
Weight	Net: 2.5 Kg, Package: 3.5 Kg
Operating Temp.	-40°C ~ 50°C / 40°F ~ 122°F