

HD-SDI PTZ Camera

C1080PH!N&\$6



WEB GATE Inc.
Connectivity Leader



RoHS
COMPLIANT
2002/95/EG

Main Advantage

HD-SDI

SDI is the transmitting technology through the 75Ω 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, unlike the analog signal which suffers degradation of video signal over cable distance, it is possible to transmit the video signal without limitation of distance and degradation of the signal through Equalization and Re-clocking of the video signal at intervals.

Micro-Step Technology

Due to the Micro-stepping technology, one step angle is divided by 256. Resulting in, high accuracy as well as ultra low noise,(under60dB) 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, the Pan and Tilt motion is performed in a harmonious manner.

Independent Camera Setup

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

Vandal Proof Design

A housing that is designed to withstand rugged environments. Aluminum die-casting enclosure and Poly Carbonate clear dome enables stable 24 hours operation.

Weather Proof Design

Meeting IP66 environment protection, as well including a built-in Fan & Heater, this speed dome camera will serve you all the time, regardless of rain, snow and storm.

Key Features

Fast & Silent Motion

- Adaptive Pan Tilt speed to Zoom ratio
- Lightning Speed (MAX. 360°/sec)
- Smooth Manual Speed (MIN. 0.05°/sec)
- Endless 360°Pan Rotation

HD Zoom Camera

- x200 Zoom Control (Optical x20, Digital x10)
- Day & Night (ICR)
- WDR(Wide Dynamic Range)
- DNR(Digital Noise Reduction)

Powerful Function

- 255 Preset Positions with Alphanumeric Labels
- 4 Pattern, 8 Scan and 8 Group Functions
- 8 Privacy Zones (Spherical Coordinates)
- Power-up Action
- On-Screen Display of Real time and Temperature
- Built-in 8 Sensor Inputs and 4 Relay Output
- Vandal-Proof (Dome Cover : PC), (Housing & Accessories : AL Die-cast)

Specification (C1080PT-Z20)

CAMERA	
Image Device	1/3" 2Megapixel CMOS
S/N Ratio	50dB (AGC Off)
Zoom	X20 Optical Zoom X10 Digital Zoom
Focal Length	f = 4.7 ~ 94.0 mm, F1.6 ~ F3.5
Horizontal angle	55.4°(W) ~ 2.9 °(T)
MIN. Illuminance	Color: 0.1 Lux (AGC On) / 0.1 Lux (AGC Off) / 0.1 Lux (AGC On) / 0.1 Lux (AGC Off) B/W: 0.1 Lux (AGC On) / 0.1 Lux (AGC Off) / 0.1 Lux (AGC On) / 0.1 Lux (AGC Off)
Shutter Speed	1/HE ~ 1/1 0,000 sec (22Steps)
Day & Night	Auto / Day / Night (ICR)
Focus	Auto / Manual
Exposure Mode	Full Auto/ Shutter /Iris / Bright / Manual
White Balance	Auto WB / Indoor / Outdoor / One-push Mode WB / Manual WB
AGC	Auto / Manual (-3dB ~ 28dB, 8Step)
WDR	Auto / Off

PAN / TILT	
Range	Pan : 360°(Endless) Tilt : 180°
Pan/Tilt Speed	Preset : 360°/ sec Manual : 0.1°~10°/ sec (Zoom Proportional) Scan : 1°~ 180°/ sec
Preset	255 Presets with Labels / Independent Camera Setup
Pattern 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 8 Input/ 4 Output
Video Out	HD-SDI, SMPTE-292M (1280X720p/59.94Hz, 1280X720p/50Hz 1920X1080i/59.94Hz, 1920X1080i/50Hz)
Communication	RS-485
RS-485 Protocol	Auto(Pelco-D, Pelco-P, Samsung-E can be supported automatically)
OSD	ON / OFF
Power	AC 24V
Approvals	FCC, CE, IP66, ROHS
Housing	IP 66 / Vandal Proof Structure (Housing & Accessories : AL Die-cast), (Bubble Dome: PC)
Material	Body: Aluminum Die-casting, Clear Bubble: Polycarbonate
Dimension	Net (ØxH): ØF1 xAF(H) mm
Weight	Net: 1.1kg, Package: 1.5kg
Operating Temp.	-40°C ~ 70°C