

HD-CCTV Camera

Rev 2.1



C1080PD-IR-AF
C1080D-IR-AF



C1080PVD-IR-AF
C1080VD-IR-AF

C1080PD-IR-AF / C1080D-IR-AF C1080PVD-IR-AF / C1080VD-IR-AF

IR-LED, Auto Focus High-Definition Dome Camera

Key Features

[PoC Camera : C1080PD-IR-AF, C1080PVD-IR-AF]

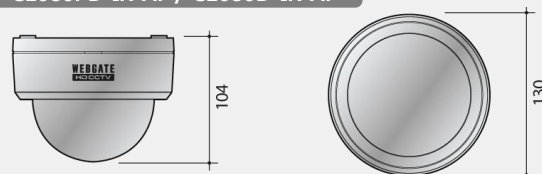
- Camera power supply through coax (PoC)
- Zoom/Focus, OSD control, Firmware upgrade through coax (CoC)
- Provides wired remote controller for OSD control and CVBS output

[Common Features]

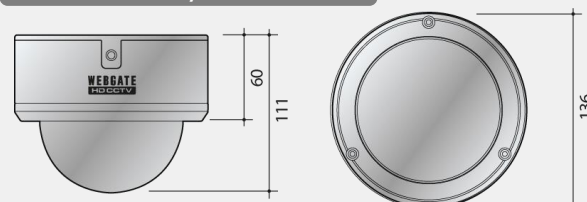
- Certified by HDcctv Alliance
- 1/3" 2.1M CMOS progressive image sensor
- HD-SDI 1080p30/25 & 720p30/25 Video Output
- DC Iris, 2.8mm~11mm, F1.4, IR Corrective Megapixel Lens
- One-Push Auto Focus, Zoom/Focus Control
- Horizontal/Vertical resolution over 1200TV lines
- Superior performance under low light environment
(BW : 0.0005 Lux/ Color : 0.2Lux@50IRE, F.1.4, 3100K, DSS off)
- 3DNR (Noise Reduction)
- Backlight compensation of WDR/BLC/HLC
- Privacy zone masking (Color selectable)
- True Day&Night with IR cut filter removable
- Anti-Motion Blur for fast moving object
- De-Fog function
- Smart IR function (No Saturation)
- Test Pattern output (Color bar, Stress Pattern)
- Dust-proof, Water-proof of IP66 (C1080PVD-AF)
- Built in IR LED : 24pcs, Visible length : up to 30m

Dimensions (Unit:mm)

C1080PD-IR-AF / C1080D-IR-AF



C1080PVD-IR-AF / C1080VD-IR-AF



Specifications

| VIDEO | | PoC | Non-PoC |
|----------------------------|--|--|-----------------------------|
| Camera Modes | | C1080PD-IR-AF, C1080PVD-IR-AF | C1080D-IR-AF, C1080VD-IR-AF |
| Sensor Type | | 1/3" 2.1Megapixel CMOS | |
| Total Pixels | | 1920(H) x 1080(V) = 2.1M pixels | |
| Scanning System | | Progressive Scan | |
| Min Illumination | B/W | 0.0005Lux@50IRE, F1.4, 3100K, DSS(OFF), AGC(10) | |
| | Color | 0.2Lux@50IRE, F1.4, 3100K, DSS(OFF), AGC(10) | |
| Lens | Mount | D-Mount | |
| | Filter | True Day & Night (ICR) | |
| | Type | DC Iris, 2.8~11mm, F1.4, IR Corrective Megapixel Lens | |
| Video Output | Output | 1(BNC 1.0 Vp-p, 75Ω) | |
| | Resolution | 1080p 30/25fps, 720p 30/25fps | |
| | HD-SDI | SMPTE 292M compatible | |
| | Distance | Max. 200m(650ft) video transmission through 5C-HFBT cable | |
| Video Control | Control Method | OSD Menu, DVR (Supporting remote control via CoC), CMS(Control Center) | |
| | AGC | 1 ~ 10 steps | |
| | Mirror | Horizontal / Vertical | |
| | WDR | OFF, 1 ~ 5 steps | |
| | BLC | OFF, LOW, MIDDLE, HIGH | |
| | ACE | OFF, ON | |
| | DNR | OFF, LOW, MIDDLE, HIGH | |
| | DSS | OFF, Auto, x2 ~ x10 steps | |
| | White Balance | AUTO, PRESET, MANUAL | |
| | Electric Shutter | INDOOR, OUTDOOR, INDOOR-ANTI BLUR, OUTDOOR_ANTI BLUR, MANUAL(12 steps) | |
| | D-ZOOM | 0 ~ 16 steps | |
| | ANTI-FLICKER | OFF, ON | |
| | Lens Shading | OFF, ON | |
| | HLC | 0 ~ 10 steps | |
| | DE-FOG | OFF, ON (Auto / Manual) | |
| Privacy | OFF/ON (15 Zones) | | |
| LIGHT | | | |
| IR Light Source | 24pcs, 850nm, 60°, control by visible light sensor, max. 30m | | |
| CONTROL INTERFACE | | | |
| Control | CoC (Control over Coax) | RS485 | |
| ELECTRICITY | | | |
| Power Consumption | PoC(DC24V ± 10%), 4W | DC 12V ± 10% 4W / AC 24V ± 10%, 6W | |
| MECHANICAL | | | |
| Dimension | C1080PD/D ser. | 130(ø) x 104(H)mm | |
| | C1080PVD/VD ser. | 136(ø) x 111(H)mm | |
| Weight | C1080PD/D ser. | 380g | |
| | C1080PVD/VD ser. | 780g | |
| ENVIRONMENTS | | | |
| Operation Temp. / Humidity | -10 °C ~ 50 °C / 0%RH ~ 80%RH | | |
| CERTIFICATIONS | | | |
| Certifications | KC, FCC, CE, RoHS, HDcctv | | |