

HD-CCTV Camera

Rev 2.0



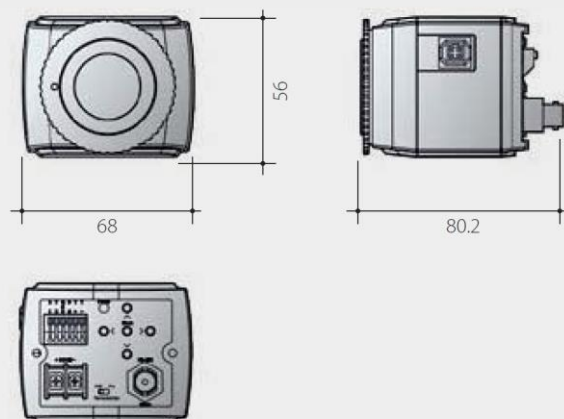
C1080PBM

C1080PBM High-Definition Box Camera (PoC & DC12V Support)

Key Features

- Certified by HDcctv Alliance
- Camera power supply through Coax (PoC) or DC12V input
- OSD control, Firmware upgrade through Coax (CoC) or supports additional RS485 port
- 1/3", 2.1M CMOS progressive image sensor
- HD-SDI 1080p30/25 & 720p30/25 video output
- Horizontal/Vertical resolution over 1200TV lines
- Superior performance under low light environment (BW: 0.0005Lux/Color: 0.2Lux@50IRE, F1.2, 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 function for fast moving object
- De-Fog function
- Test Pattern output (Color bar, Stress Pattern)
- Provides wired remote controller for OSD control and CVBS output
- DC Iris & C/CS mount Lens applicable (C-Adaptor Ring)

Dimensions (Unit : mm)



Specifications

| VIDEO | | PoC | Non-PoC |
|----------------------------|---------------------|---|---------|
| Camera Modes | | C1080PBM | |
| 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, F1.2, 3100K, DSS(OFF), AGC(10) | |
| | Color | 0.2Lux@50IRE, F1.2, 3100K, DSS(OFF), AGC(10) | |
| Lens | Mount | CS / C(Ring Adaptor) | |
| | Filter | True Day & Night (ICR) | |
| | Type | DC Auto Iris, Manual | |
| 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, 0 ~ 4 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) | | |
| CONTROL INTERFACE | | | |
| Control | | CoC (Control over Coax) / RS485 | |
| ELECTRICITY | | | |
| Power Consumption | | PoC(DC24V ± 10%), 3W / DC 12V ± 10%, 2W | |
| MECHANICAL | | | |
| Dimension | | 68(W) x 80.2(D) x 56(H) mm | |
| Weight | | 320g (Lens not included) | |
| ENVIRONMENTS | | | |
| Operation Temp. / Humidity | | -10 °C ~ 50 °C / 0%RH ~ 80%RH | |
| CERTIFICATIONS | | | |
| Certifications | | KC, FCC, CE, RoHS, HDcctv | |