



C1080PBM



FEATURES

1/3", 2.1M CMOS Progressive image sensor PoC/CoC supporting HD-SDI Mini Box Camera

- Certified by HDcctv Alliance
- Camera power supply through Coax (PoC)
- OSD control, Firmware upgrade through Coax (CoC)
- 1/3", 2.1M CMOS progressive image sensor
- HD-SDI 1080p25/30 & 720p25/30 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)
- Easy OSD menu control
- Provides Remote Controller and CVBS output
- DC Iris & C/CS mount Lens applicable (C-Adaptor Ring)

Specifications	
Model Number	C1080PBM
Sensor Type	1/3" 2.1Megapixel CMOS
Total Pixels	1920(H) x 1080(V) = 2.1M pixels

Specifications	
Scanning System	Progressive Scan
Min Illumination color	0.2Lux@50IRE, F1.2, 3100K, DSS(OFF), AGC(10)
Min Illumination B/W	0.0005Lux@50IRE, F1.2, 3100K, DSS(OFF), AGC(10)
Lens mount	CS/ C(Ring Adaptor)
Lens Filter	True Day & Night (ICR)
Lens Type	DC Auto Iris, Manual
Video Output	1(BNC 1.0 Vp-p, 75Ω)
Video Output Resolution	1080p 30/25fps, 720p 25/30fps
HD-SDI	SMPTE 292M compatible
Video Output Distance	Max. 200m(650ft) video transmission through 5C-HFBT cable
Vide 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)
CoC (Control over Coax)	OSD menu control / Firmware upgrade
RS485	OSD menu control / Firmware upgrade
Strobe for external light	TTL level
Power Consumption	DC 12V ± 10%, 2W or PoC(DC24V ± 10%), 3W
DimensionC1080B	68(W) x 81(D) x 56(H) mm
WeightC1080B	350g (Lens not include)
Operation Temp. / Humidity	-10 °C ~ 50 °C / 0%RH ~ 80%RH
Certifications	KC, FCC, CE, RoHS, HDcctv