

HD-CCTV Camera

Rev 2.1



C1080PD / C1080D C1080PVD / C1080VD High-Definition Dome Camera

Key Features

[PoC Cameras : C1080PD, C1080PVD]

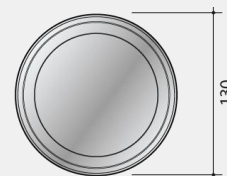
- Camera power supply through coax (PoC)
- OSD control, Firmware upgrade through coax (CoC)
- Provides wired remote controller for OSD control and CVBS output

[Common Features]

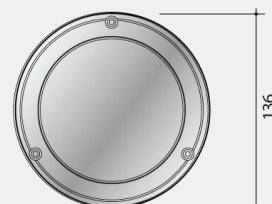
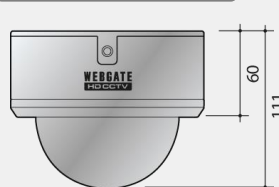
- Certified by HDcctv Alliance
- 1/3", 2.1M CMOS progressive image sensor
- HD-SDI 1080p30/25&720p30/25 video output
- DC Iris, 2.8mm~11mm, F1.4, IR Corrective Megapixel Lens
- Horizontal/Vertical resolution over 1200TV lines
- Superior performance under low light environment (BW: 0.0005 Lux/Color: 0.2Lux@50IRE, F1.4, 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 function for fast moving object
- De-Fog function
- Test Pattern output (Color bar, Stress Pattern)
- Dustproof, Waterproof of IP66 (C1080PVD/C1080VD)

Dimensions (Unit : mm)

C1080PD / C1080D



C1080PVD / C1080VD



Specifications

VIDEO

Camera Models		PoC	Non-PoC
		C1080PD / C1080PVD	C1080D / C1080VD
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	
		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)		

CONTROL INTERFACE

Control	CoC (Control over Coax)	RS485
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ELECTRICITY

Power Consumption	PoC(DC24V ± 10%), 3W	DC 12V ± 10%, 3W / AC 24V ± 10%, 4W
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MECHANICAL

Dimension	C1080PD/D	130(ø) x 104(H)mm
	C1080PVD/VD	136(ø) x 111(H)mm
Weight	C1080PD/D	360g
	C1080PVD/VD	760g

ENVIRONMENTS

Operation Temp. / Humidity	-10 °C ~ 50 °C / 0%RH ~ 80%RH
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CERTIFICATIONS

Certifications	KC, FCC, CE, RoHS, HDcctv
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