

# HD-CCTV Camera

Rev 2.0



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]

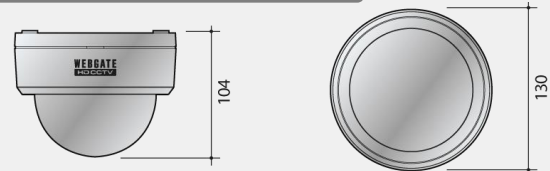
- Camera power supply through coax (PoC)
- Zoom/Focus, OSD control, Firmware upgrade through coax (CoC)
- Provides wired remote controller for OSD control and CVBS output

#### [Common Features]

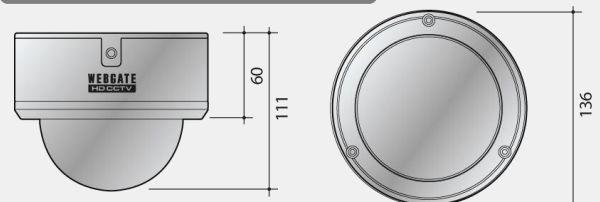
- Certified by HDcctv Alliance
- 1/3" 2.1M CMOS progressive image sensor
- HD-SDI 1080p30/25 & 720p30/25 Video Output
- DC Iris, 2.8mm~11mm, F1.4, IR Corrective Megapixel Lens
- One-Push Auto Focus, Zoom/Focus Control
- Horizontal/Vertical resolution over 1200TV lines
- Superior performance under low 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, 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 )		
<b>LIGHT</b>			
IR Light Source	24pcs, 850nm, 60°, control by visible light sensor, max. 30m		
<b>CONTROL INTERFACE</b>			
Control	CoC (Control over Coax)		RS485
<b>ELECTRICITY</b>			
Power Consumption	PoC(DC24V ± 10%), 4W		DC 12V ± 10% 4W / AC 24V ± 10%, 6W
<b>MECHANICAL</b>			
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	
<b>ENVIRONMENTS</b>			
Operation Temp. / Humidity	-10 °C ~ 50 °C / 0%RH ~ 80%RH		
<b>CERTIFICATIONS</b>			
Certifications	KC, FCC, CE, RoHS, HDcctv		

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