

HD-CCTV Camera

Rev 1.0



C1080D-IR

C1080VD-IR

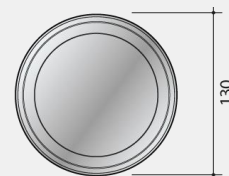
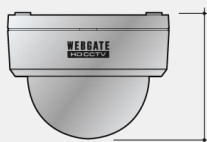
IR-LED Supporting HD Dome Camera

Key Features

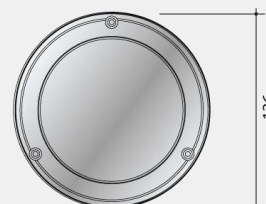
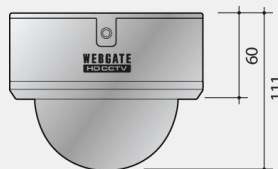
- Certified by HDcctv Alliance
- 1/3" 2.1M CMOS progressive image sensor
- HD-SDI 1080p25/30 & 720p25/30 Video Output
- DC Iris, 2.8mm~11mm, F1.4, IR Corrective Megapixel Lens
- Horizontal/Vertical resolution over 1200TV line
- High-performance under low light environment (BW : 0.0005 Lux/ Color : 0.2Lux@50IRE, 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 function for fast moving object
- De-Fog function
- Smart IR function (No Saturation)
- Test Pattern output (Color bar, Stress Pattern)
- Easy OSD menu control
- CVBS output
- Dust-proof/Water-proof of IP66 (C1080VD-IR)
- 3-axis gimbal structure for easy installation
- Built in IR LED : 24pcs, Visible length : up to 30m

Dimensions

C1080D-IR



C1080VD-IR



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Specifications

<i>VIDEO</i>		
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 25/30fps, 720p 25/30fps
	HD-SDI	SMPTE 292M compatible
	Distance	Max. 200m(650ft) video transmission through 5C-HFBT cable
Video Control	Control Method	OSD Menu, DVR (RS485), 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)	
<i>LIGHT</i>		
IR Light Source	C1080D-IR	24pcs, 850nm, 60°, control by visible light sensor, max. 30m
	C1080VD-IR	
<i>CONTROL INTERFACE</i>		
RS485		OSD menu control / Firmware upgrade
<i>ELECTRICITY</i>		
Power Consumption		DC 12V ± 10%, 4W / AC 24V ± 10%, 5W
<i>MECHANICAL</i>		
Dimension	C1080D-IR	130(ø) x 104(H)mm
	C1080VD-IR	136(ø) x 111(H)mm
Weight	C1080D-IR	370g
	C1080VD-IR	770g
<i>ENVIRONMENTS</i>		
Operation Temp. / Humidity		-10 °C ~ 50 °C / 0%RH ~ 80%RH
<i>CERTIFICATIONS</i>		
Certifications		KC, FCC, CE, RoHS, HDcctv