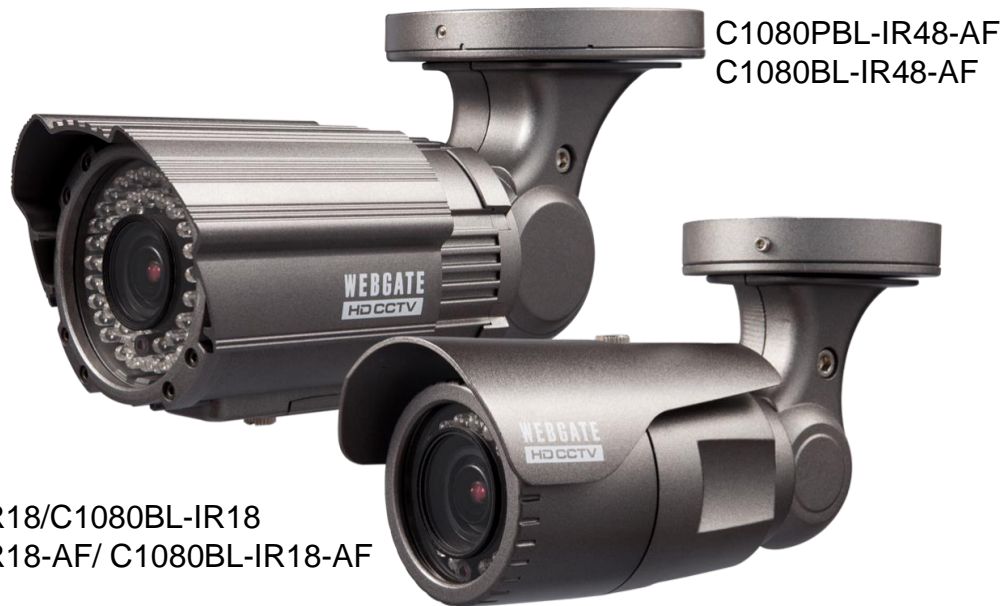


HD-CCTV Camera

Rev 2.0



C1080PBL-IR18/C1080BL-IR18
C1080PBL-IR18-AF/ C1080BL-IR18-AF

C1080PBL-IR48-AF
C1080BL-IR48-AF

C1080PBL-IR18/C1080BL-IR18 C1080PBL-IR18-AF/C1080BL-IR18-AF C1080PBL-IR48-AF/C1080BL-IR48-AF

IR-LED, Auto Focus High-Definition Bullet Camera

Key Features

[PoC Camera : C1080PBL-IR18(-AF), C1080PBL-IR48-AF]

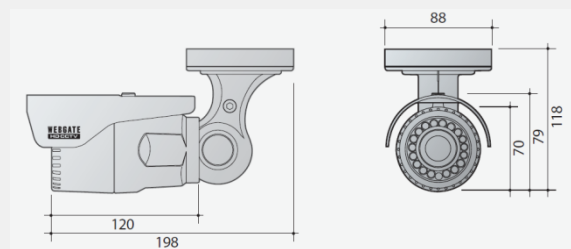
- Camera power supply through Coax (PoC)
- Zoom/Focus, OSD control, Firmware upgrade through Coax (CoC)
- Provides wired remote controller for OSD control and CVBS output

[Common Features]

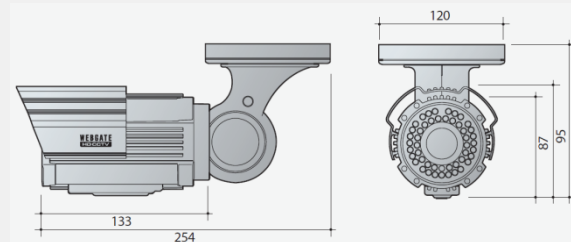
- Certified by HDcctv Alliance
- 1/3", 2.1M CMOS progressive image sensor
- HD-SDI 1080p30/25 & 720p30/25 Video Output
- DC Iris, 2.8mm~11mm, F1.4, IR Corrective Megapixel Lens
- One-Push Auto Focus, Zoom/Focus Control (-AF Series)
- Horizontal/Vertical resolution over 1200TV lines
- Superior performance 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
- Smart IR function (No Saturation)
- Test Pattern output (Color bar, Stress Pattern)
- All-in-one Bracket & Housing structure supporting IP66
- Built-in IR LED
 - C1080PBL-IR18-AF/C1080BL-IR18-AF(18pcs), Visibility : up to 25m
 - C1080PBL-IR-48-AF/C1080BL-IR-48-AF(48pcs), Visibility : up to 48m

Dimensions (Unit : mm)

C1080PBL-IR18 / C1080PBL-IR18-AF
C1080BL-IR18 / C1080BL-IR18-AF



C1080PBL-IR48-AF
C1080BL-IR48-AF



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Specifications

VIDEO

		PoC	Non-PoC
Camera Models		C1080PBL-IR18, C1080PBL-IR18-AF, C1080PBL-IR48-AF	C1080BL-IR18, C1080BL-IR18-AF, C1080BL-IR48-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	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)		

CONTROL INTERFACE

Control	CoC (Control over Coax)	RS485

LIGHT

IR Light Source	C1080PBL/BL-IR18 Ser.	18pcs, 850nm, 60°, control by visible light sensor, max. 25m
	C1080PBL/BL-IR48 Ser.	48pcs, 850nm, 60°, control by visible light sensor, max. 48m

ELECTRICITY

Power Consumption	C1080PBL/BL-IR18 ser.	PoC (DC24V ± 10%), 4W	DC12V ± 10%, 4W / AC 24V ± 10%, 6W
	C1080PBL/BL-IR48 ser.	PoC (DC24V ± 10%), 6W	DC12V ± 10%, 5W / AC 24V ± 10%, 8W

MECHANICAL

Dimension	C1080PBL/BL-IR18 ser.	88(W) x 118(H) x 198(D) mm
	C1080PBL/BL-IR48 ser.	120(W) x 140(H) x 254(D) mm
Weight	C1080PBL/BL-IR18 ser.	C1080PBL/BL-IR18 : 710g, C1080PBL/BL-IR18-AF : 720g
	C1080PBL/BL-IR48 ser.	1600g

ENVIRONMENTS

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

CERTIFICATIONS

Certifications	KC, FCC, CE, RoHS, HDcctv