

# HD-CCTV Camera

Rev 2.1



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

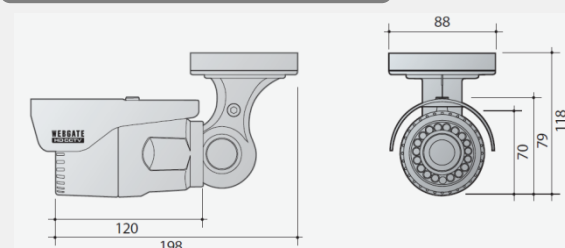
- Camera power supply through Coax (PoC)
- Zoom/Focus, OSD control, Firmware upgrade through Coax (CoC)
- Provides wired remote controller for OSD control and CVBS output

#### [Common Features]

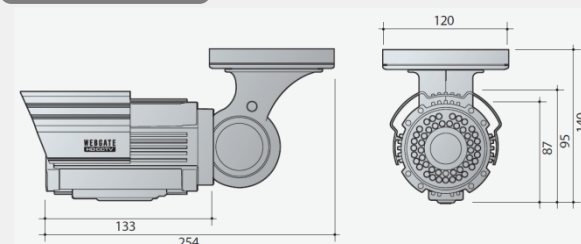
- Certified by HDcctv Alliance
- 1/3", 2.1M CMOS progressive image sensor
- HD-SDI 1080p30/25 & 720p30/25 Video Output
- DC Iris, 2.8mm~11mm, F1.4, IR Corrective Megapixel Lens
- One-Push Auto Focus, Zoom/Focus Control (-AF Series)
- Horizontal/Vertical resolution over 1200TV lines
- Superior performance 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



## Specifications

### VIDEO

		PoC	Non-PoC
<b>Camera Models</b>		C1080PBL-IR18, C1080PBL-IR18-AF, C1080PBL-IR48-AF	C1080BL-IR18, C1080BL-IR18-AF, C1080BL-IR48-AF
<b>Sensor Type</b>		1/3", 2.1Megapixel CMOS	
<b>Total Pixels</b>		1920(H) x 1080(V) = 2.1M pixels	
<b>Scanning System</b>		Progressive Scan	
<b>Min Illumination</b>	<b>B/W</b>	0.0005Lux@50IRE, F1.4, 3100K, DSS(OFF), AGC(10)	
	<b>Color</b>	0.2Lux@50IRE, F1.4, 3100K, DSS(OFF), AGC(10)	
<b>Lens</b>	<b>Filter</b>	True Day & Night (ICR)	
	<b>Type</b>	DC Iris, 2.8~11mm, F1.4, IR Corrective Megapixel Lens	
<b>Video Output</b>	<b>Output</b>	1 (BNC 1.0 Vp-p, 75Ω)	
	<b>Resolution</b>	1080p 30/25fps, 720p 30/25fps	
	<b>HD-SDI</b>	SMPTE 292M compatible	
	<b>Distance</b>	Max. 200m(650ft) video transmission through 5C-HFBT cable	
<b>Video Control</b>	<b>Control Method</b>	OSD menu, DVR (Supporting remote control via CoC), CMS (Control Center)	
	<b>AGC</b>	1 ~ 10 steps	
	<b>Mirror</b>	Horizontal / Vertical	
	<b>WDR</b>	OFF, 1 ~ 5 steps	
	<b>BLC</b>	OFF, LOW, MIDDLE, HIGH	
	<b>ACE</b>	OFF, ON	
	<b>DNR</b>	OFF, LOW, MIDDLE, HIGH	
	<b>DSS</b>	OFF, Auto, x2 ~ x10 steps	
	<b>White Balance</b>	AUTO, PRESET, MANUAL	
	<b>Electric Shutter</b>	INDOOR, OUTDOOR, INDOOR-ANTI BLUR, OUTDOOR-ANTI BLUR, MANUAL(12 steps)	
	<b>D-ZOOM</b>	0 ~ 16 steps	
	<b>ANTI-FLICKER</b>	OFF, ON	
	<b>Lens Shading</b>	OFF, ON	
	<b>HLC</b>	0 ~ 10 steps	
	<b>DE-FOG</b>	OFF, ON (Auto / Manual)	
<b>Privacy</b>	OFF/ON (15 Zones )		

### CONTROL INTERFACE

<b>Control</b>	CoC (Control over Coax)	RS485
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### LIGHT

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

### ELECTRICITY

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

### MECHANICAL

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

### ENVIRONMENTS

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

<b>Certifications</b>	KC, FCC, CE, RoHS, HDcctv
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