

CAHBC1080PI60V

www.black.honeywell.com

1080P AHD Weather-proof IR Bullet Camera

Featuring the advanced Analog High Definition (AHD) video technology, the Honeywell Black™ CAHBC1080Pl60V is a multi-megapixel HD analog camera which produces 1080P (1920H x 1080V) sharp, high-definition image. The AHD technology ensures real-time and non compressed signal transmission of up to 500 meters via coaxial cable, which significantly reduces installation cost and provides much sharper images without quality loss.

Advanced Features

Featuring hybrid output definitions in CVBS (960H), AHD(720P) and AHD (1080P), the CAHBC1080PI60V is compatible with existing analog cameras, and is capable of transmitting HD image via existing cable layout.

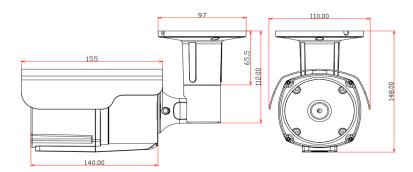
Market Opportunities

Featuring 2.8-12mm 3 megapixel lens, 1080P high resolution, TDN function and 60 meters IR night vision, the CAHBC1080Pl60V is designed for small-to-medium HD surveillance application including hotels, chain stores, commercial offices, hospitals, residential areas, warehouses, and education facilities and so on. It is also ideal for easy and cost-effective upgrade of existing analog system to realize HD application.

FEATURES

- Ultra high definition: 1080P (1920H x 1080V)
- Hybrid output definitions in CVBS (960P), AHD (720P) and AHD (1080P) via OSD setup
- Minimum illumination: OLux (IR on)
- TDN (IR-Cut), AWB, AGC
- 1/2.8" Sony Exmor 1080P Sensor
- 2.8-12mm 3 megapixel lens
- IR distance: 60 meters
- Power: 12VDCIP66 weather-proof

DIMENSIONS



Unit: mm













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SPECIFICATIONS

Sensor 1/2,8" Sony Evrnor 322 CMOS sensor	Model	CAHBC1080PI60V
Scanning System Progressive scan method Resolution 1080P Effective Pixels 2.0 Megapixel (1280H x 960V) Output Pixels 2.0 Megapixel (1280H x 960V) Shutter Speed 1750-17100,000 sec Miniman Illumination 2007: 0.001Lux Miniman Illumination 2007: 0.001Lux BW: 0 (IR-on) Video Output Video Output CVB3 and AHD output SN More than 50dB (AGC off) Picture adjustments ON/OFF Gamma Correction 0.45 Lens Value Focus Length 2.8-12mm 3 Megapixel lens Auto Ins Support N/A Night Vision Night Vision Infered LED 4 Array Leds IR Beam Distance 60m ICR ON/OFF Camera Feature Village Day A Night TDN, IR cut removable Bay A Night TDN, IR cut removable Bay A Night Mode Auto (ICR) / Color / Black & White Language Russian / Portuguese / Dutch / Turkish White Balance	Sensor	1/2.8" Sony Exmor 322 CMOS sensor
Resolution 1080P Effective Pixels 2.0 Megapixel (1280H x 960V) Output Pixels 2.0 Megapixel (1280H x 960V) Shutter Speed 1/50- 1/100,000 sec Minimum illumination Color: 0.001 Lux B.W.* 0 (IR-on) Video Output CVBS and AHD output S/N More than 50dB (AGC off) Ficture adjustments ON/OFF Gamma Correction 0.45 Lens Focus Length Focus Length 2.8-12mm 3 Megapixel lens Auto ins Support N/A Night Vision Infrared LED IR Beam Distance 60m ICR ON/OFF Camera Feature Extra removable Day / Night Mode Auto (ICR) / Color / Black & White Language 11 Languages (English / Chinese / Germany / French / Italian / Spanish / Polish / Romania / Russian / Portugueses / Dutch / Turkish White Balance Auto / Manual Auto Gain Control ON/OFF WDR ON/OFF Picture Adjustment ON/OFF Privacy Masking 4 zones Electrical Protection	Processor	NVP2441
Effective Pixels 2.0 Megapixel (1280H x 960V) Output Pixels 2.0 Megapixel (1280H x 960V) Shutter Speed 1/50-1/100,000 sec Minimum Illumination Color: 0.001Lux BAW: 0 (IR-on) Minimum Illumination CVBS and AHD output \$IN More than 50dB (AGC off) Picture adjustments ON/OFF Gamma Correction 0.45 Lens Focus Length Focus Length 2.8-12mm 3 Megapixel lens Auto Iris Support N/A Might Vision N/A InFaired LED 4 Array Leds IR Beam Distance 60m ICR ON/OFF Camera Feature ON/OFF Day / Night Mode AUto (CR) / Color / Black & White Language 11 Languages (English /Chinese / Germany / French / Italian / Spanish / Polish / Romania / Russian / Portuguese / Dutch / Turkish White Balance Auto / Manual Auto Gain Control ON/OFF Vibracy Masking 1 Dr. Floriage Frence Inture ON/OFF Privacy Masking 4 zones Blectrical Prote	Scanning System	Progressive scan method
Output Pixels 2.0 Megapixel (1280H x 960V) Shutter Speed 1/50 - 1/100,000 sec Minimum Illumination Color: 0,001 Lux B/W: 0 (IR-on) Wideo Output Video Output CVBS and AHD output S/N More than 50dB (AGC off) Picture adjustments ON/OFF Gamma Correction 0.45 Lens Focus Length Focus Length 1.8 - 12mm 3 Megapixel lens Auto Iris Support N/A Night Vision N/A Infrared LED 4 Array Leds IR Beam Distance 60m ICR ON/OFF Camera Feature ON/OFF Day & Night TDN, IR cut removable Day & Night Mode Auto (ICR) / Color / Black & White Language 11 Languages (English /Chinese / Germany / French / Italian / Spanish / Polish / Romania / Russian / Portuguese / Dutch / Turkish White Balance Auto / Manual Auto Gain Control ON/OFF WDR ON/OFF Digital Noise Reduction 3D NR Picture Adjustment ON/OFF	Resolution	1080P
Shutter Speed 1/50-1/100,000 sec Minimum Illumination Color: 0.001Lux BW: 0 (IR-on) Video Output CVBS and AHD output S/N More than 50dB (AGC off) Picture adjustments ON/OFF Gamma Correction 0.45 Lens Focus Length Focus Length 2.8-12mm 3 Megapixel lens Auto Iris Support N/A Might Vision Intrared LED In Beam Distance 60m ICR ON/OFF Camera Feature Day & Night Day / Night Mode Auto (ICR) / Color / Black & White Language Auto (GR) / Color / Black & White Language 11 Languages (English / Chinese / Germany / French / Italian / Spanish / Polish / Romania / Russian / Portuguese / Dutch / Turkish White Balance Auto / Manual Auto Gain Control ON/OFF Digital Noise Reduction 3D NR Picture Adjustment ON/OFF Privacy Masking 4 zones Electrical Protection Video protections voltage: 1.8k V Su	Effective Pixels	2.0 Megapixel (1280H x 960V)
Minimum Illumination Color: 0.001 Lux B/W: 0 (IR-on) Video Output CVBS and AHD output S/N More than 50dB (AGC off) Picture adjustments ON/OFF Gamma Correction 0.45 Lens Focus Length 2.8-12mm 3 Megapixel lens Auto Iris Support N/A Night Vision Infrared LED 4 Array Leds IR Beam Distance 60m ICR ON/OFF Camera Feature Day & Night TDN, IR cut removable Day / Night Mode Auto (ICR) / Color / Black & White Language 11 Languages (English /Chlinese / Germany / French / Italian / Spanish / Polish / Romania / Russian / Portuguese / Dutch / Turkish White Balance Auto / Manual Auto Gain Control ON/OFF Digital Noise Reduction 3D NR Picture Adjustment ON/OFF Privacy Masking 4 zones Electrical Protection Surge protections voltage: 1.8k V Operating Temperature -10°C-50°C Storage Temperature -30°C-60°C Operating Humidi	Output Pixels	2.0 Megapixel (1280H x 960V)
Minimum illumination BW: 0 (IR-on) Video Output CVBS and AHID output S/N More than 50dB (AGC off) Picture adjustments ON/OFF Gamma Correction 0.45 Lens Focus Length 2.8-12mm 3 Megapixel lens Auto Iris Support N/A Night Vision Infrared LED 4 Array Leds IR Beam Distance 60m ICR ON/OFF Camera Feature ON/OFF Day & Night TDN, IR cut removable Day / Night Mode Auto (ICR) / Color / Black & White Language 11 Languages (English / Chinese / Germany / French / Italian / Spanish / Polish / Romania / Russian / Portuguese / Dutch / Turkish White Balance Auto / Manual Auto Gain Control ON/OFF WDR ON/OFF Digital Noise Reduction 3D NR Picture Adjustment ON/OFF Privacy Masking 4 zones Electrical Protection Video protections voltage: 8K V Surge protections voltage: 1.8K V Operating Temperature -10°C-50°C	Shutter Speed	1/50- 1/100,000 sec
S/N More than 50dB (AGC off) Picture adjustments ON/OFF Gamma Correction 0.45 Lens ************************************	Minimum Illumination	
Picture adjustments ON/OFF	Video Output	CVBS and AHD output
Gamma Correction 0.45 Lens Focus Length 2.8-12mm 3 Megapixel lens Auto Iris Support N/A Night Vision Infrared LED Infrared LED 4 Array Leds IR Beam Distance 60m ICR ON/OFF Camera Feature Camera Feature Day & Night TDN, IR cut removable Day / Night Mode Auto (ICR) / Color / Black & White Language 11 Languages (English /Chinese / Germany / French / Italian / Spanish / Polish / Romania / Russian / Portuguese / Dutch / Turkish White Balance Auto / Manual Auto Gain Control ON/OFF WDR ON/OFF Digital Noise Reduction 3D NR Picture Adjustment ON/OFF Privacy Masking 4 zones Electrical Protection Video protections voltage: 8K V Surge protections voltage: 1.8K V Operating Temperature -10°C-50°C Storage Temperature -30°C-60°C Operating Humidity 20%-90% Power Supply 12VDC IP Rating IP66	S/N	More than 50dB (AGC off)
Lens	Picture adjustments	ON/OFF
Focus Length 2.8-12mm 3 Megapixel lens	Gamma Correction	0.45
Auto Iris Support N/A Night Vision Infrared LED 4 Array Leds IR Beam Distance 60m ICR ON/OFF Camera Feature Day & Night TDN, IR cut removable Day / Night Mode Auto (ICR) / Color / Black & White Language English / Chinese / Germany / French / Italian / Spanish / Polish / Romania / Russian / Portuguese / Dutch / Turkish White Balance Auto (Manual Auto Gain Control ON/OFF WDR ON/OFF Digital Noise Reduction 3D NR Picture Adjustment ON/OFF Privacy Masking 4 zones Electrical Protection Video protections voltage: 8K V Surge protections voltage: 1.8K V Operating Temperature -10°C-50°C Storage Temperature -30°C-60°C Operating Humidity 20%-90% Power Supply 12VDC IP Rating IP66 Dimensions 300 (D) x 110 (W) x 110 (H) mm Weight 0.8kg	Lens	
Night Vision Infrared LED 4 Array Leds IR Beam Distance 60m ICR ON/OFF Camera Feature Day & Night TDN, IR cut removable Day / Night Mode Auto (ICR) / Color / Black & White Language 11 Languages (English /Chinese / Germany / French / Italian / Spanish / Polish / Romania / Russian / Portuguese / Dutch / Turkish White Balance Auto / Manual Auto Gain Control ON/OFF WDR ON/OFF Digital Noise Reduction 3D NR Picture Adjustment ON/OFF Privacy Masking 4 zones Electrical Protection Video protections voltage: 8K V Surge protections voltage: 1.8K V Operating Temperature -10°C~50°C Storage Temperature -30°C~60°C Operating Humidity 20%~90% Power Supply 12VDC IP Rating IP66 Dimensions 300 (D) x 110 (W) x 110 (H) mm Weight 0.8kg	Focus Length	2.8-12mm 3 Megapixel lens
Infrared LED 4 Array Leds IR Beam Distance 60m ICR ON/OFF Camera Feature Day & Night TDN, IR cut removable Day / Night Mode Auto (ICR) / Color / Black & White Language 11 Languages (English / Chinese / Germany / French / Italian / Spanish / Polish / Romania / Russian / Portuguese / Dutch / Turkish White Balance Auto / Manual Auto Gain Control ON/OFF WDR ON/OFF Digital Noise Reduction 3D NR Picture Adjustment ON/OFF Privacy Masking 4 zones Electrical Protection Video protections voltage: 8K V Surge protections voltage: 1.8K V Operating Temperature -10°C-50°C Storage Temperature -30°C-60°C Operating Humidity 20%-90% Power Supply 12VDC IP Rating IP66 Dimensions 300 (D) x 110 (W) x 110 (H) mm Weight 0.8kg	Auto Iris Support	N/A
IR Beam Distance 60m ICR ON/OFF Camera Feature Day & Night TDN, IR cut removable Day / Night Mode Auto (ICR) / Color / Black & White Language 11 Languages (English /Chinese / Germany / French / Italian / Spanish / Polish / Romania / Russian / Portuguese / Dutch / Turkish White Balance Auto / Manual Auto Gain Control ON/OFF WDR ON/OFF Digital Noise Reduction 3D NR Picture Adjustment ON/OFF Privacy Masking 4 zones Electrical Protection Video protections voltage: 8K V Surge protections voltage: 1.8K V Operating Temperature -10°C~50°C Storage Temperature -30°C~60°C Operating Humidity 20%~90% Power Supply 12VDC IP Rating IP66 Dimensions 300 (D) x 110 (W) x 110 (H) mm Weight	Night Vision	
ICR ON/OFF Camera Feature Day & Night TDN, IR cut removable Day / Night Mode Auto (ICR) / Color / Black & White Language 11 Languages (English / Chinese / Germany / French / Italian / Spanish / Polish / Romania / Russian / Portuguese / Dutch / Turkish White Balance Auto / Manual Auto Gain Control ON/OFF WDR ON/OFF Digital Noise Reduction 3D NR Picture Adjustment ON/OFF Privacy Masking 4 zones Electrical Protection Video protections voltage: 8K V Surge protections voltage: 1.8K V Operating Temperature -10°C-50°C Storage Temperature -30°C-60°C Operating Humidity 20%-90% Power Supply 12VDC IP Rating IP66 Dimensions 300 (D) x 110 (W) x 110 (H) mm Weight 0.8kg	Infrared LED	4 Array Leds
Camera Feature Day & Night TDN, IR cut removable Day / Night Mode Auto (ICR) / Color / Black & White Language 11 Languages (English / Chinese / Germany / French / Italian / Spanish / Polish / Romania / Russian / Portuguese / Dutch / Turkish White Balance Auto / Manual Auto Gain Control ON/OFF WDR ON/OFF Digital Noise Reduction 3D NR Picture Adjustment ON/OFF Privacy Masking 4 zones Electrical Protection Video protections voltage: 8K V Surge protections voltage: 1.8K V Operating Temperature -10°C-50°C Storage Temperature -30°C-60°C Operating Humidity 20%-90% Power Supply 12VDC IP Rating IP66 Dimensions 300 (D) x 110 (W) x 110 (H) mm Weight 0.8kg	IR Beam Distance	60m
Day & Night Day & Night Mode Auto (ICR) / Color / Black & White Language 11 Languages (English /Chinese / Germany / French / Italian / Spanish / Polish / Romania / Russian / Portuguese / Dutch / Turkish White Balance Auto / Manual Auto Gain Control ON/OFF WDR ON/OFF Digital Noise Reduction 3D NR Picture Adjustment ON/OFF Privacy Masking 4 zones Electrical Protection Video protections voltage: 8K V Surge protections voltage: 1.8K V Operating Temperature -10°C-50°C Storage Temperature -30°C-60°C Operating Humidity 20%-90% Power Supply 12VDC IP Rating IP66 Dimensions 300 (D) x 110 (W) x 110 (H) mm Weight	ICR	ON/OFF
Day / Night Mode Auto (ICR) / Color / Black & White Language 11 Languages (English / Chinese / Germany / French / Italian / Spanish / Polish / Romania / Russian / Portuguese / Dutch / Turkish White Balance Auto / Manual Auto Gain Control ON/OFF WDR ON/OFF Digital Noise Reduction 3D NR Picture Adjustment ON/OFF Privacy Masking 4 zones Electrical Protection Video protections voltage: 8K V Surge protections voltage: 1.8K V Operating Temperature -10°C-50°C Storage Temperature -30°C-60°C Operating Humidity 20%~90% Power Supply 12VDC IP Rating IP66 Dimensions 300 (D) x 110 (W) x 110 (H) mm Weight 0.8kg	Camera Feature	
Language 11 Languages (English / Chinese / Germany / French / Italian / Spanish / Polish / Romania / Russian / Portuguese / Dutch / Turkish White Balance Auto / Manual Auto Gain Control ON/OFF WDR ON/OFF Digital Noise Reduction 3D NR Picture Adjustment ON/OFF Privacy Masking 4 zones Electrical Protection Video protections voltage: 8K V Surge protections voltage: 1.8K V Operating Temperature -10°C-50°C Storage Temperature -30°C-60°C Operating Humidity 20%-90% Power Supply 12VDC IP Rating IP66 Dimensions 300 (D) x 110 (W) x 110 (H) mm Weight 0.8kg	Day & Night	TDN, IR cut removable
Russian / Portuguese / Dutch / Turkish White Balance Auto / Manual Auto Gain Control ON/OFF WDR ON/OFF Digital Noise Reduction 3D NR Picture Adjustment ON/OFF Privacy Masking 4 zones Electrical Protection Video protections voltage: 8K V Surge protections voltage: 1.8K V Operating Temperature -10°C~50°C Storage Temperature -30°C~60°C Operating Humidity 20%~90% Power Supply 12VDC IP Rating IP66 Dimensions 300 (D) x 110 (W) x 110 (H) mm Weight	Day / Night Mode	Auto (ICR) / Color / Black & White
Auto Gain Control WDR ON/OFF Digital Noise Reduction 3D NR Picture Adjustment ON/OFF Privacy Masking 4 zones Electrical Protection Video protections voltage: 8K V Surge protections voltage: 1.8K V Operating Temperature -10°C~50°C Storage Temperature -30°C~60°C Operating Humidity 20%~90% Power Supply 12VDC IP Rating IP66 Dimensions 300 (D) x 110 (W) x 110 (H) mm Weight	Language	
WDR Digital Noise Reduction 3D NR Picture Adjustment ON/OFF Privacy Masking 4 zones Electrical Protection Video protections voltage: 8K V Surge protections voltage: 1.8K V Operating Temperature -10°C~50°C Storage Temperature -30°C~60°C Operating Humidity 20%~90% Power Supply 12VDC IP Rating IP66 Dimensions 300 (D) x 110 (W) x 110 (H) mm Weight	White Balance	Auto / Manual
Digital Noise Reduction Picture Adjustment ON/OFF Privacy Masking 4 zones Electrical Protection Video protections voltage: 8K V Surge protections voltage: 1.8K V Operating Temperature -10°C~50°C Storage Temperature -30°C~60°C Operating Humidity 20%~90% Power Supply 12VDC IP Rating IP66 Dimensions 300 (D) x 110 (W) x 110 (H) mm Weight	Auto Gain Control	ON/OFF
Picture Adjustment Privacy Masking 4 zones Electrical Protection Video protections voltage: 8K V Surge protections voltage: 1.8K V Operating Temperature -10°C~50°C Storage Temperature -30°C~60°C Operating Humidity 20%~90% Power Supply 12VDC IP Rating IP66 Dimensions 300 (D) x 110 (W) x 110 (H) mm Weight	WDR	ON/OFF
Privacy Masking 4 zones Electrical Protection Video protections voltage: 8K V Surge protections voltage: 1.8K V Operating Temperature -10°C~50°C Storage Temperature -30°C~60°C Operating Humidity 20%~90% Power Supply 12VDC IP Rating IP66 Dimensions 300 (D) x 110 (W) x 110 (H) mm Weight 0.8kg	Digital Noise Reduction	3D NR
Electrical Protection Video protections voltage: 8K V Surge protections voltage: 1.8K V Operating Temperature -10°C~50°C Storage Temperature -30°C~60°C Operating Humidity 20%~90% Power Supply 12VDC IP Rating IP66 Dimensions 300 (D) x 110 (W) x 110 (H) mm Weight 0.8kg	Picture Adjustment	ON/OFF
Surge protections voltage: 1.8K V Operating Temperature -10°C~50°C Storage Temperature -30°C~60°C Operating Humidity 20%~90% Power Supply 12VDC IP Rating IP66 Dimensions 300 (D) x 110 (W) x 110 (H) mm Weight 0.8kg	Privacy Masking	4 zones
Storage Temperature -30°C~60°C Operating Humidity 20%~90% Power Supply 12VDC IP Rating IP66 Dimensions 300 (D) x 110 (W) x 110 (H) mm Weight 0.8kg	Electrical Protection	
Operating Humidity 20%~90% Power Supply 12VDC IP Rating IP66 Dimensions 300 (D) x 110 (W) x 110 (H) mm Weight 0.8kg	Operating Temperature	-10°C~50°C
Power Supply 12VDC IP Rating IP66 Dimensions 300 (D) x 110 (W) x 110 (H) mm Weight 0.8kg	Storage Temperature	-30°C~60°C
IP Rating IP66 Dimensions 300 (D) x 110 (W) x 110 (H) mm Weight 0.8kg	Operating Humidity	20%~90%
Dimensions 300 (D) x 110 (W) x 110 (H) mm Weight 0.8kg	Power Supply	12VDC
Weight 0.8kg	IP Rating	IP66
	Dimensions	300 (D) x 110 (W) x 110 (H) mm
Certificate CE, FCC, C-tick	Weight	0.8kg
	Certificate	CE, FCC, C-tick

 $Note: Honeywell\ reserves\ the\ right,\ without\ notification,\ to\ make\ changes\ in\ product\ design\ or\ specifications$



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1080P AHD Weather-proof IR Bullet Camera

ORDERING

CAHBC1080PI60V	Weather-proof IR Bullet Camera, 1080P, 1/2.8" Sony Exmor 322 CMOS sensor, TDN, 2.8-12mm
CARBOTOOUPIOUV	3 megapixel lens, IR distance: 60m, 12VDC, PAL or NTSC

For more information:

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