

CAHDC1080PIV-V

www.black.honeywell.com

1080P AHD Vandal-proof IR Dome Camera

Featuring the advanced Analog High Definition (AHD) video technology, the Honeywell Black™ CAHDC1080PIV-V 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 (960P), AHD (720P) and AHD (1080P), the CAHDC1080PIV-V is compatible with existing analog cameras, and is capable of transmitting HD image via existing cable layout.

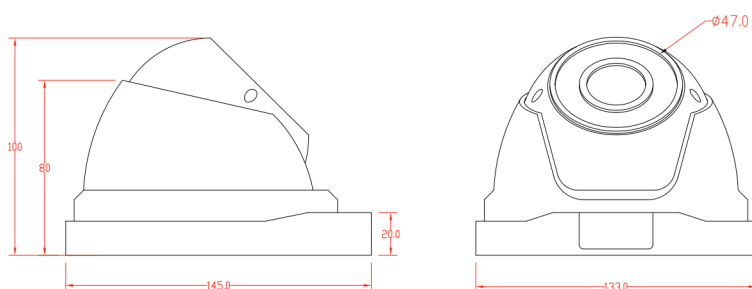
Market Opportunities

Featuring 2.8-12mm 3 megapixel lens, 1080P high resolution, TDN function and 40 meters IR night vision, the CAHDC1080PIV-V 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: 0 Lux (IR on)
- TDN (IR-Cut), AWB, AGC
- 1/2.8" Sony Exmor 1080P Sensor
- 2.8-12mm 3 Megapixel lens
- IR distance: 40 meters
- Power: 12VDC

DIMENSIONS



Unit: mm



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SPECIFICATIONS

Model	CAHDC1080PIV-V
Sensor	1/2.8" CMOS IMX322 sensor
Processor	NVP2441
Scanning System	Progressive scan method
Resolution	1080P
Effective Pixels	2.0 Megapixel (1920H x 1080V)
Output Pixels	2.0 Megapixel (1920H x 1080V)
Shutter Speed	1/50- 1/100,000 sec
Minimum Illumination	Color: 0.001Lux B/W: 0 (IR-on)
Smart IR	NC
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 Leds	2 Array leds+7 superflux leds.
IR Beam Distance	40m
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
Day & Night	TDN, IR cut removable
Noise Reduction	3D NR
Picture Adjustment	ON/OFF
OSD	DWDR / 3D / 2DNR / AGC / AWB / BLC / Anti-foggy / Privacy Mask / Mirror / DPC
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	N/A
Dimension	Φ145mm x 100mm
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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ORDERING

CAHDC1080PIV-V	Vandal-proof IR Dome Camera, 1080P, 1/2.8" Sony Exmor 322 CMOS sensor, TDN, 2.8-12mm 3 megapixel lens, IR distance: 40m, 12VDC, PAL or NTSC
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For more information:

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