

Universal IP Dome IR 720p

Art. no. IPCB71500

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- HD 720p resolution: 1280 x 720 @ 25 fps
- 2.8 – 12 mm varifocal lens
- micro SD card slot for internal data storage up to 128 GB
- Day/night switching with electromechanical IR swivel filter (ICR)
- IR LEDs with variable intensity
- DWDR function to compensate for image contrasts
- Power over Ethernet (PoE)
- ONVIF compatible
- Housing protected against vandalism (IK10) with IP66 protection class

The Universal IR Dome is a reliable and versatile camera suitable for both indoor and outdoor areas. Thanks to its vario lens, which has a focal length of between 2.8 and 12 mm, the Dome can provide a wide variety of professional and effective monitoring options. With its vandal-proof IP66 housing and IK10 shock resistance level, it can withstand even the most adverse environmental factors and sabotage attempts.

Reliable HD outdoor surveillance 24/7

The Universal IR Dome provides 720p-resolution video streams at up to 25 fps. Its housing, which is weatherproof in accordance with protection class IP66 and, at IK10, boasts the maximum shock resistance level, provides optimum protection against mechanical interference and vandalism. Thanks to the integrated IR LEDs, the camera captures excellent recordings both during day and night, with motion detection and DWDR backlight compensation functions also integrated.

An optimal overview, with an adjustable angle of view

The vario lens on the Universal Dome can be adjusted to the angle of view that the user requires. Its focal length of between 2.8 and 12 mm covers a range of between 30° and 98°.

Recording and video management

Recording takes place on a recorder or using video management software on the PC. Another option is local

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recording on a microSD card, through which built-in retrieval of video data is possible via an internet browser. For this reason, the camera is an ideal back-up solution for local recording.

Easy set-up – innovative user management

The practical installation wizard ensures quick and easy set-up. Innovative user management also facilitates user authorisation configuration that is tailored to your individual security needs.

Note: the camera does not have a power supply unit because it can be supplied with power via PoE.

The effective IR range will depend on the installation location. If there are surfaces that absorb light or no objects that reflect IR light in the field of view, the IR range will be reduced and/or the video image will be too dark. Reflective objects in the immediate vicinity of the camera (e.g. roof gutter or wall) may also result in the reflection of IR light, which can disturb the image.

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Technical Data:

IK protection class	10
ONVIF	Profile S
Image enhancement	BLC, DWDR
Other features	Auto Backup Recording
Dimensions	(LxBxH) 143x143x100 mm
Alarming	E-Mail
Connections	1 x RJ45, 1 x DC
Number of users	6
Number of streams	2
Resolution modes	1280 x 960, 1280 x 720, 704 x 576, 640 x 480 pixel
Motion detection	Yes
Image sensor	1/3" Progressive Scan CMOS
Pixels (effective)	1280(H) x 960(V) pixel
Frame rate	1/16, 1/8, 1/4, 1/2, 1, 2, 4, 6, 8, 10, 12, 15, 16, 18, 20, 22, 25, 30 fps
Width	143 mm
Focal length	2,8 - 12 mm
Dynamic range (WDR)	70 dB
Electronic shutter	1/25 - 1/100,000 s
Backlight compensation	BLC, DWDR
Height	100 mm
Horizontal angle of view	30 - 98 °
IR LEDs	24
IR range (up to)	20 m
Compatible with	ABUS VMS Express, VMS, NVR, Hybrid DVR
Length	143 mm
Power consumption	5,5 W
Max. resolution @ frame rate	1280 x 960 @ 30 fps
Max. operating temperature	60 °C
Max. humidity	95 %
Min. operating temperature	-30 °C
Minimum illumination (color)	0,3 lx

Minimum illumination (IR)	0 lx
Minimum illumination (B/W)	0,01 lx
Video network bandwidth	32 kBit/s - 16 MBit/s
Network access	RJ45
LAN network access	RJ45
Network camera protocols	IPv4/v6, HTTP, HTTPS, FTP, SMTP, Bonjour, UPnP, DNS, DynDNS, NTP, RTSP, TCP, UDP, DHCP, ONVIF
Lens	Variofocal
Lens mount	Ø14
Optical zoom	4,2 x
PoE	IEEE 802.3af
Private zones	4
Noise reduction	3D DNR
IP protection class	66
DC voltage supply	12 (+/-10 %) V
Storage medium	Micro-SD-Karte, 128 GB
Power consumption	600 mA
Day/night switching	ICR/Color/B/W
Supported browsers	IE10, IE11, Firefox
Encryption	HTTPS
Video compression	H.264, MJPEG
Video system	IP
White balance	AWB, manual
Certifications	CE, C-Tick, RoHS, Reach