

# Universal IP Mini Dome IR Wi-Fi 1080p

Art. no. IPCB42550

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- Full HD 1080p resolution: 1920 x 1080 @ 25 fps
- 2.8 mm fixed lens
- Micro SD card slot for internal data storage up to 128 GB
- Day/night switching with electromechanical IR swivel filter (ICR)
- DWDR function to compensate for image contrasts
- Integrated Wi-Fi, two-way audio, alarm input and output (I/O)
- Power over Ethernet (PoE)
- ONVIF compatible
- Housing protected against vandalism (IK08) with IP66 protection class

The Universal IP Mini Dome Wi-Fi is a discreet camera that provides an overview of indoor and outdoor areas. Thanks to a compact design and 2.8 mm fixed lens, it is ideal for use in areas with low ceilings and offers Wi-Fi-based integration.

## Discreet, full HD 24/7 outdoor surveillance

The IP Mini Dome provides HD 1080p-resolution video streams at up to 25 fps. Its housing, which is weatherproof in accordance with protection class IP66, and integrated IR LEDs make it suitable for uninterrupted outdoor use, both day & night. With an installation height of just 5 cm ensuring minimal protrusion, the flat housing blends in well with the ceiling.

## The best overview possible from the ceiling

The IP Mini Dome monitors across a 106° range. The combination of flat design, wide angle and full HD offers ample coverage of large spaces and premises. Motion detection and DWDR backlight compensation are built in.

## Recording and video management

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

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## Flexible assembly, audio and alarm function

The Universal IP Mini Dome is installed on the ceiling as standard, but can also be installed on the wall using a mount. The camera can be connected to a network wirelessly via Wi-Fi and has an integrated microphone. It is also possible to connect an external loudspeaker and set up a two-way audio function. Furthermore, the camera also features an alarm input and an alarm output.

## 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	8
ONVIF	Profile S
Image enhancement	BLC, DWDR
Other features	Auto Backup Recording
Dimensions	(LxBxH) 97x100x53 mm
Alarm output	1
Alarm input (NO/NC)	1
Alarming	E-Mail, Alarm output
Connections	1 x RJ45, 1 x DC, 1 x Audio out, 1 x Alarm in, 1 x Alarm out
Number of users	10
Number of streams	2
Audio	1 x Mic (built-in), 1 x Audio Out
Resolution modes	1920 x 1080, 1280 x 960, 1280 x 720, 704 x 576, 640 x 480, 352 x 288, 320 x 240 pixel
Motion detection	8
Image sensor	1/3" Progressive Scan CMOS
Pixels (effective)	1920(H) x 1080(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	100 mm
Focal length	2,8 mm
Dynamic range (WDR)	70 dB
Electronic shutter	1/3 - 1/100,000 s
Backlight compensation	BLC, DWDR
Height	53 mm
Horizontal angle of view	106 °
IR LEDs	10
IR range (up to)	10 m
Compatible with	ABUS VMS Express, VMS, NVR, Hybrid DVR
Length	97 mm
Power consumption	5 W
Max. resolution @ frame rate	1920 x 1080 @ 25 fps

Max. operating temperature	60 °C
Max. humidity	95 %
Microphone	Yes
Min. operating temperature	-20 °C
Minimum illumination (color)	0,4 lx
Minimum illumination (IR)	0 lx
Minimum illumination (B/W)	0,01 lx
Video network bandwidth	32 kBit/s - 12 MBit/s
Network access	RJ45
LAN network access	RJ45
WLAN network access	802.11b/g
Network camera protocols	IPv4/v6, HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DynDNS, NTP, RTSP, TCP, UDP, DHCP, ONVIF Profile S, ABUS Server
Lens	Fix
Lens mount	M12
PoE	IEEE 802.3af
Private zones	4
Noise reduction	3D DNR
Relay output	1
IP protection class	66
DC voltage supply	12 (+/-10 %) V
Storage medium	Micro-SD-Karte, 128 GB (opt.)
OSD language	DE, UK, FR, NL, DK
Power consumption	500 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