

Dual Flex Encoder

Art. no. IPCS10020

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- HD 720p resolution: 1280 x 720 @ 25 fps
- Two camera modules can be connected
- microSD card slot for internal data storage up to 128 GB
- True WDR function to compensate high image contrasts (on one channel)
- Two-way audio, alarm input and output (I/O)
- Power over Ethernet (PoE)

The Dual Flex Encoder serves as an IP camera for hidden surveillance. It is used in conjunction with up to two mini camera modules, making their video signals available as network streams.

Hidden surveillance

The encoder is hidden behind a wall or ceiling or inside a device (e.g. a cash machine). It does not need to have a view of the surveillance area, because it is linked via cable to a camera module. Wall and ceiling mounting are both possible, and power can be supplied via network cable (PoE).

Camera module with 8 m cable for various locations

The camera module, with a 2.8 mm tube lens or 3.7 mm pinhole lens, acts just like an eye, and comes in designs suitable for every installation location (behind a wall or ceiling, inside a shaft or machine). The module is installed in a hidden location with a view of the surveillance area through a hole in the wall, ceiling, device casing etc. The module is connected to the encoder via a cable which allows for flexible installation.

Compatible camera module

The Dual Flex Encoder is compatible with the modules IPCS10001, IPCS10002 and IPCS10003. An encoder can be operated with 2 modules at a time, which are available as accessories.

Compact design, high HD image quality

Despite the camera module's small size, the encoder produces HD video streams with 1280 x 720 pixels at a seamless 25 frames per second. One video channel has strong image optimisation (True WDR, 3D DNR) for the

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detection of people etc. against backlighting, such as when used in a cash machine (True WDR channel for camera module in the central console, second channel for another module e.g. at the side to monitor cash dispensing).

Two-way communication with 2WAY Audio

A two-way communication function is made possible by the loudspeaker and microphone connection (3.5 mm jack).

A variety of applications

In conjunction with the tiny camera modules, the encoder is ideal for a variety of applications, e.g. the hidden surveillance of indoor spaces in banks, shops, hotels or lifts.

Disclaimer:

The legal situation with regard to hidden surveillance may vary considerably from country to country or from region to region. Please check the applicable provisions in your installation location before installing the product.

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Technical Data:

ONVIF	Profile S
Dimensions	105x78x32 mm
Alarm input (NO/NC)	1
Connections	2 x Video-In, 1 x RJ45, RS-485, RS-232, Audio-In, Audio-Out, Alarm-In, Alarm-Out
Audio	1 x Audio-In, 1 x Audio-Out
Resolution modes	1280 x 960, 1280 x 720, 704 x 576, 640 x 480, 352 x 288 pixel
Motion detection	Yes
Image sensor	1/3" Progressive Scan CMOS
Frame rate	25 fps
Width	78 mm
Gross weight	0.55 kg
Digital zoom	Yes
Dynamic range (WDR)	90 dB
Electronic shutter	1s - 1/100000s
Backlight compensation	BLC, WDR, HLC
Height	32 mm
Camera inputs	2
Camera type	Encoder
Compatible with	IPCS10001, IPCS10002, IPCS10003
Length	105 mm
Power consumption	6,5 W
Humidity	0 - 85 %
Max. resolution @ frame rate	1280 x 720 @ 25 fps
Max. operating temperature	50 °C
Max. humidity	0 - 85 %

Min. operating temperature	-10 °C
Net weight	0.24 kg
Video network bandwidth	32 kBit/s - 16 MBit/s
Network access	RJ45
LAN network access	RJ45
PoE	802.3af
Private zones	8
Noise reduction	3D DNR
Relay output	1
DC voltage supply	12 (+/-10%) V
Storage medium	Micro SD, Max. 128 GB (optional)
Language of instructions	DE, EN, FR, NL, DK
OSD language	DE, EN, FR, NL, DK, PL, RU
Power consumption	600 mA
Supported browsers	IE10, IE11, Firefox
Video compression	H.264, MPEG-4, MJPEG
Video system	IP
White balance	AWB
Certifications	CE, RoHS, Reach