

Fiber optic Full HD 1080i@30fps megapixel camera APP HD-IP is designed for use in IP systems, enables high quality image acquisition, H.264, MPEG4, MJPEG compressions and RTSP streaming over Ethernet.

APP HD-IP is equipped with interchangeable SFP modules for direct connection to optical fiber and transmission compatible with 100Base-FX standards or RJ-45 module as well as with BNC interface.

The platform is based on advanced TI DM368 processor, 5MP 1/2,5" matrix and Linux system, what allows use of advanced recognition algorithms and real time image analysis.

The use of the advanced high dynamic matrix and the ICR filter change mechanism makes that the camera is an excellent solution in different illumination sceneries for many professional applications.

There is possible control and service over the camera's OSD, remote over Ethernet and RS-232/422/485 data stream to PTZ controller.

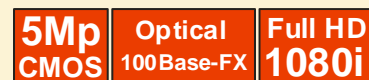
The camera is able to cooperate with conventional DVRs by ONVIF standard (Open Network Video Interface Forum) or HTTP protocol.

There is also possible motion detection and darkened areas limitation of visibility (private mask).

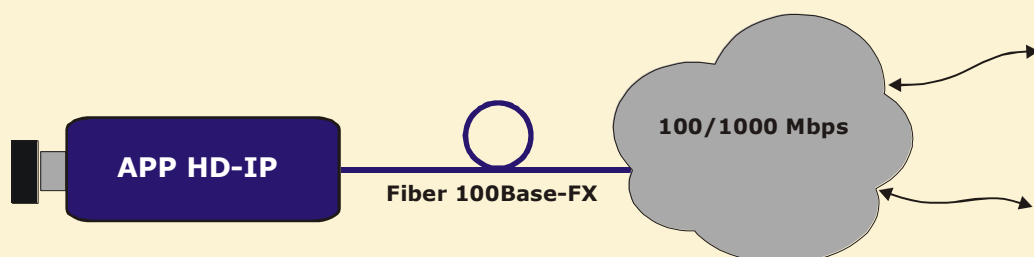
The camera enables surveillance in Near-Infrared range.



- **Full HD (1080i@30fps)**
- **5MP 1/2,5" matrix**
- **100Base-FX optical output**
- **OSD (On-Screen Display)**
- **RS-232/422/485 data stream**
- **real time image analysis**
- **private mask**
- **surveillance in near-infrared**



Application diagram:



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Technical parameters:

Video interface:

picture definition:	1920 x 1080@30 fps
lenses:	C/CS, IRIS (DC auto, manual)
matrix:	Aptina 1/2,5", 5 MP
wavelength spectrum:	600 – 1100 nm
night/day:	ICR mechanical filter
white balance:	auto WB

Electrical interface:

data format:	100Base-TX
connector type:	RJ-45, BNC 75 Ohm

Optical interface:

data format:	100Base-FX
optical medium:	50/125 μm , 62,5/125 μm , 9/125 μm
wavelength:	1310 nm
connector type:	LC

Additional interface:

	RS-232/422/485
number of channels:	1 two-way
data format:	asynchronous, serial
electrical interface:	V.11, V.28, transparent, 2 or 4-wire
data rate:	115 kbps

Protocols:

TCP/IP, HTTP, FTP, RTSP

Operating temperature range:

0 to + 50 °C

Power supply:

8 - 48 VDC

Dimensions:

60 x 45 x 87 mm

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