EAN 900 – 1.3 Megapixel network camera with progressive scan, automatic IR cut filter

Features

- 1.3 Megapixel 1/3" progressive scan CMOS sensor with high sensitivity
- Built-in H.264, MPEG-4 and MJPEG digital signal output at 1280 x 720 (720P) image size with up to 15 FPS
- 3 independently adjustable network video streams (for compression method and resolution)
- Day/night function with automatically swiveling IR cut filter
- Power over Ethernet (PoE) IEEE 802.3af
- Supports MDI/MDI-X auto crossover

- Bandwidth control: 64K/128K/256K/1M/2M/4M/8M bps and unlimited
- Built-in network interface (10 Base-T / 100 Base-TX) for remote monitoring by PC
- Smart wizard setting for varied event and schedule recording
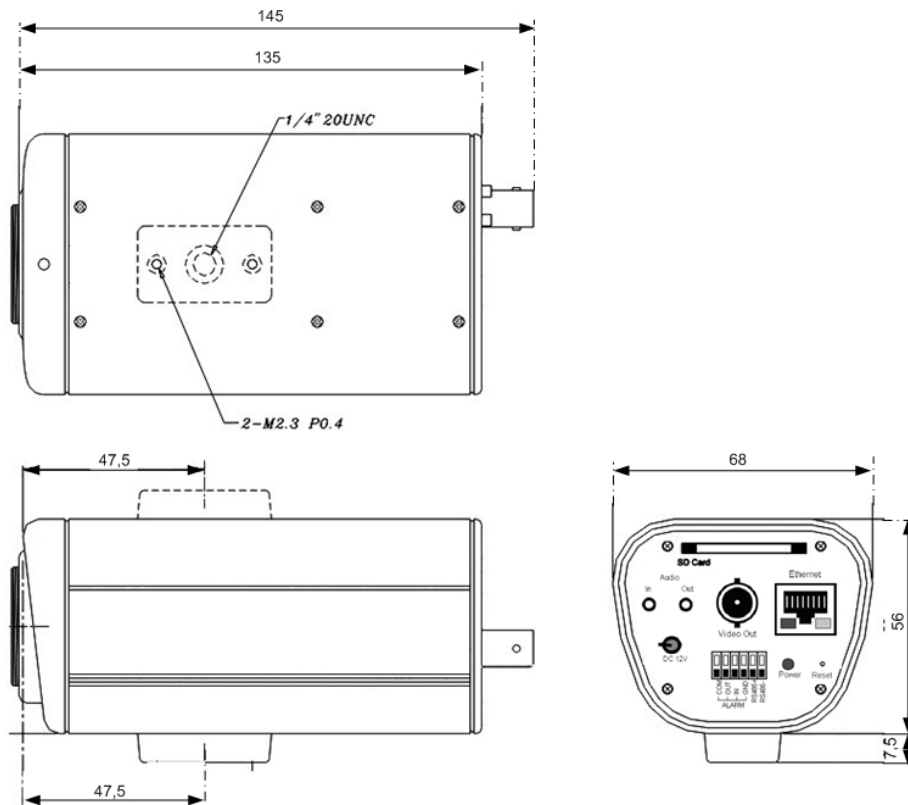- Built-in digital motion detection and PTZ function
- Bidirectional audio

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Technical data	
Sensor type	1/3" progressive scan CMOS image sensor
Effective pixels	1280 (H) x 1024 (V)
Sensitivity	0,5 lux / F = 1.2
Lens	Optional C/CS mount, DD control supported
Picture compression	H.264 / MPEG4 / MJPEG
Picture resolution	720P, VGA, CIF, QVGA 1280 x 1024, 1280 x 720, 640 x 480, 320 x 240, 160 x 120
Day/night switching	Automatically swiveling IR cut filter & enhanced b/w sensitivity
Compression setting	4 levels: superior / high / standard / low
Streaming frame rate	15 FPS
Microphone	Built-in microphone, selectable internal microphone or audio input in camera setting
Audio input	3,5mm stereo socket, sensitivity 100 mV max. / 10 KOhm impedance, selectable internal microphone or audio input in camera setting
Audio output	3,5mm stereo socket, sensitivity 500 mV max. at 10 KOhm impedance
Compression method	ADPCM (pulse code modulation) U-Law
Frequency bandwidth	300 Hz ~ 3,4 KHz
2-way audio	Yes
Alarm input	1 x input for dry contacts, NO/NC adjustable, input pulse length 50 ms min.
Alarm output	1 x dry relay contact, NO/NC adjustable, 70 VDC / 200 mA max.
Motion detection	Built-in motion detection
Motion areas	Up to 5 windows
Power source	12 V DC & PoE
Power over Ethernet	PoE 802.3af 48 VDC
Power consumption	4,5 W max. (at 12 VDC)
Ambient temperature	0°C ~ +40°C
Dimensions (WxHxD)	68 x 57 x 135 mm
Weight	600 g

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Software functions / features

Network interface	10 Base-T / 100 Base-TX auto negotiation, RJ-45 socket
Protocol types	HTTP, TCP/IP, FTP, SMTP, DHCP, DNS, DDNS, NTP
Bandwidth control	Min. 64 kbit / sec., adjustable
RS-485	RS-485 interface half-duplex (functionality reserved), screwless 2-pin terminal
Power LED	On: system power is on / off: system power is off
Network LED	Supports MDI/MDI-X auto crossover function
Green network LED	On (still): linked / on (blinking): active / off: not linked
Yellow network LED	On: 100 Mbps / off: 10 Mbps
Local storage	SD card interface for optional SD card 3.3 V, supports SDHC host specification
Recommended accessories:	
EFV 246 MP	2,4 ~ 6 mm Megapixel DC lens
EFV 308 MP	3 ~ 8 mm Megapixel DC lens
EFV 550 MP	5 ~ 50 mm Megapixel DC lens

Dimensions

Ordering information

EAN 900	1.3 Megapixel day/night network camera with progressive scan CMOS sensor, automatic IR cut filter, 12 V DC / PoE
EFV 246 MP	2,4 ~ 6 mm Megapixel DC lens
EFV 308 MP	3 ~ 8 mm Megapixel DC lens
EFV 550 MP	5 ~ 50 mm Megapixel DC lens