Product Name: AVer SF2012H 2M Box IP Camera
Manufacturer: AVer
Model Number: SF2012H

AVer SF2012H 2M Box IP Camera
The AVer SF2012H 2M box IP camera (network camera) with interchangeable lenses and suitable housing for both indoor and outdoor applications. The camera has a mechanical IR-cut filter to offer clear video both day and night. Its excellent optical performance is complemented by local storage and a standard CS mount, giving you the flexibility to choose exactly the right CS mount lens for the location. This makes the SF2012H the ideal cornerstone for any intelligent, high-performance surveillance system.
AVer SF2012H Key Features

• 2-megapixel and 1/3.2 inch CMOS sensor
• real-time HD720p video display
• H.264/MPEG-4/MJPEG simultaneous compression (Tri-encoders)
• up to 15fps (1600 x 1200); up to 30fps (1280 x 720)
• indoor/outdoor (with suitable housing) applications
• auto IRIS lens support
• CS mount lens support
• built-in ICR (mechanical IR-cut filter) for day and night function
• intelligent motion detection to minimize false alarms
• local storage backup when an event is triggered or the network is down
• built-in PoE function (IEEE 802.3af compliant)
• 2-way audio communication
• event trigger actions: mail, FTP, save to on-board storage, relay, Samba

AVer SF2012H - Technical Specifications
application environment

• indoor/outdoor indoor / outdoor (with suitable housing)
• day/night control auto / manual

system

• flash (MB) 16
• RAM (MB) 256
• embedded OS Linux

camera images

• sensor 1/3.2" CMOS (2 megapixels)
• min. illumination color:1.0 lux @ F1.2
• black & white: 0.05 lux @ F1.2
• built-in LED no
• IR distance n/a
• mechanical ICR yes
• auto IRIS yes

lens

• lens type (CS mount)
• F/no n/a
• focal length n/a

• angle of view n/a

video

• compression H.264 / MPEG-4 / MJPEG simultaneously
• max. resolution (H.264/MJPEG) 1600 x 1200
• max. frame rate H.264 / MJPEG up to 15fps (1600 x 1200)
• MPEG-4 up to 5fps (176 x 144)
• streaming H.264 / MPEG-4 (3GPP only) / MJPEG
• IMD (Intelligent Motion Detection) zone 3
• BLC (Backlight Compensation) yes
• noise reduction 2D
• ePTZ yes
• privacy mask areas 3
• image orientation mirror, flip

audio

• audio encoder G.711 audio compression
• audio streaming 2-way audio
• microphone built-in microphone

network

• protocols HTTP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP (video only), Samba
• Ethernet Ethernet (10/100 Base-T), RJ45 connector
• security password protection
• users up to 10 users simultaneously

alarm

• trigger event mail, FTP, save to SD/SDHC card, relay, Samba

interface

• digital input/output 1/1
• built-in storage option SDHC card (32GB max.)

general

• power supply DC 12V / PoE
• PoE PoE Class 0 (IEEE802.3af)
• power consumption: 6.6W
• dimensions 65 W x 58 H x 132 D (mm)
• net weight 450g (w/o bracket)
• temperature and humidity 0°C ~ 40°C, 20% ~ 80%

software

• VMS NXU Lite (free bundle up to 32CH)
• support language English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Simplified Chinese, Slovak, Spanish, Swedish, Thai, Traditional Chinese, Turkish

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