



EAN 1350

1,3 Megapixel CCD day/night network camera with progressive scan

Features

- 1,3 Megapixel CCD sensor with progressive scan providing high definition video
- up to 1280 x 960 pixel resolution
- 12x digital zoom function with electronic pan/tilt function
- up to 30 IPS @ 640 x 480, up to 15 IPS @ 1280 x 960 mode
- Wide Dynamic Range
- MPEG-4 and M-JPEG compression with dual stream functionality for simultaneous live monitoring and high resolution recording
- full duplex bidirectional audio
- high performance in low lux applications with a sensitivity of 0,2 lux (F=1.2), combined with automatic IR cut filter
- Power over Ethernet (PoE) or dual power 12 VDC / 24 VAC
- digital motion detection
- scheduled event management
- RS-485 interface for pan/tilt devices
- BNC video output for easy installation and lens adjustment with test monitor

Recommended accessories:

EFV-246MP: 2,4~6mm / F 1,2 Megapixel DC lens

EFV-308MP: 3~8mm / F 1,0 Megapixel DC lens

EFV-550MP: 5~50mm / F 1,4 Megapixel DC lens

FH-7153HR: outdoor housing, side opening

BA-12: wall mount bracket for FH-7153HR with internal cable management

Specifications

Camera

Sensor Type: 1/3 progressive CCD
 Effective Pixels: Full scan mode: 1280x960, 4-pixel addition mode: 640x480
 Electronic Shutter: 1/10000
 Sensitivity: min 370mV, typical 460mV
 Electronic Zoom: 1 ~ 12x
 AGC (Auto gain control): yes
 AWB (Auto white balance): yes
 AE (Auto exposure): yes
 IR-Cutfilter: automatic / manual mode
 Lens Mount: CS-mount/C-mount DC-drive

Analog video

Signal: NTSC/PAL (switch)
 Scanning frequency: 36Mhz(NTSC), 29Mhz(PAL)
 Minimum illumination: TBD

Network video

Video compression: MPEG4 / JPEG (dual codec simultaneously)
 Video frame rate: Full Mode:(NTSC) MPEG4/MJPEG 15 FPS; (PAL) MPEG4-12.5 FPS; MJPEG 30 FPS
 4- pixel addition mode: (NTSC) MPEG4/MJPEG 30 FPS; (PAL) MPEG4/MJPEG 25 FPS

Compression rate selection: 5 levels: best, better, normal, faster, fastest
 Frame rate: configurable
 Video resolution: MPEG4: QCIF, CIF, QVGA, VGA
 MJPEG: QCIF, CIF, QVGA, VGA, Quad-VGA (full scan mode)

Image Rotation: flip, mirror
 Digital zoom: yes, 100%~800% (software); 100~1200%(electronic)
 Digital pan/tilt: yes
 Motion detection: yes (3 zones)
 OSD: text, time and date, configurable transparency

Audio

2-way audio: yes (full duplex)
 Audio codec: G.711, G.726 selectable

Communication

LAN port: RJ-45, 10/100M auto-sensed, auto crossover
 Communication protocol: HTTP, RTSP, FTP, SMTP, TCP/IP, UDP, ARP, ICMP, DHCP, PPPoE, DDNS, UPnP, SAMBA
 Video streaming: RTSP/RTP/UDP, RTSP/RTP/TCP, RTSP/RTP HTTP tunnel, LAN multicast

I/O

Alarm input: 2
 Alarm output: 1
 Audio input: 1x3.5mm jack
 Analog audio output: 1x3.5mm jack
 RS485: 1
 PoE: yes
 TV out: yes(alternative between TV out and IP streaming)
 Status LED: status, network link

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Software

Browser: Internet Explorer 6.0 or above
 Application software: PowerCon (optional)
 OS supported: Microsoft Windows XP, Vista

Software Features

1. System

Name
 Location
 Admin ID and password
 LED control: ON / OFF / FLASH

2. TCP/IP

Static IP address
 - IP address
 - subnet mask
 - default gateway
 Dynamic IP address
 - DHCP
 - PPPoE
 --User ID
 --User password
 Primary DNS address
 Secondary DNS address
 Dynamic DNS
 UPnP
 IP filter

3. Users

Three levels: administrator / operator / viewer

4. Date/time setting

Date: year/month/day
 Time: hour/minute/second
 NTP protocol
 NTP server address: adjusting frequency
 Time zone

5. Video

Compressing rate: 5 levels: best, better, normal, faster, fastest
 Frame rate: adjustable
 Video resolution: QCIF, CIF, QVGA, VGA, Quad-VGA (full scan mode)
 Image rotation: mirror, flip
 Digital pan / tilt / zoom: yes
 Brightness control: yes
 Saturation control: yes
 Contrast control: yes
 Sharpness control: yes
 Flickerless control: yes
 Backlight control: yes
 White balance control: yes

6. Upload Configuration

FTP
 SMTP
 Network share (samba)

7. Dynamic DNS

Service
 User name
 Password
 Domain name

8. Event Management

8.1 Schedule(Response to event trigger): always / weekly during time / never
 8.2 Trigger by: alarm input/ motion detection / on boot
 8.3 Action (Response process): alarm output (can setup duration time) / upload image to server by FTP, SMTP, SAMBA / send HTTP notification / send TCP notification/ day/night switching

9. Open API

CGI commands to control camera
 Media SDK to handle streaming

10. Others

Factory reset to default setting

11. Web browser supported

Internet Explorer from 6.0

Power: DC12V/AC24V Dual, 8W max.

LED: status LED red colour

Dimensions: 166mm (L) x 80mm (W) x 60mm (H) (lens not included)

Operating temperature: 0°C ~ +55°C

Storage temperature: -20°C ~ +70°C

Humidity: 10% ~ 95% non-condensing

Approvals: FCC / CE class B, RoHS

Dimensions

