

F731E 35M IR Day/Night Outdoor IP Camera



- ▶ **Simultaneous MPEG-4 and Motion JPEG**
- ▶ **True day/night with automatic removable IR-cut filter**
- ▶ **Infrared LEDs with 35m effective range**
- ▶ **Power over Ethernet**

- Progressive scan CMOS
- Simultaneous MPEG-4 and Motion JPEG
- 30 frames per second in all resolutions
- 4.3mm, 6mm, 8mm, 12mm selectable lens
- True day/night capabilities with automatic removable IR-cut filter
- 850nm infrared LEDs with 35m effective range
- Two-way audio
- Power over Ethernet IEEE 802.3af
- 1 x alarm input, 1 x alarm output
- IP67 rated weatherproof housing
- SSL v3 advanced HTTPS encryption
- 3GPP mobile surveillance
- Easy access via Windows Live Messenger
- Multi-lingual user interface
- 16 channel surveillance software

ZAVIG

Technical Specifications

Models	F731E
Image sensor	1/4" Progressive scan CMOS sensor
Lens	4.3, 6, 8, 12 mm (Selectable)
Angle of view	49°, 36°, 28°, 19° horizontal
Digital Zoom	10x digital
Min Illumination	0 Lux with IR
IR working distance	35 m
IR LEDs	8 φ IR LEDs x 36 (850nm)
S/N Ratio	50 dB
Video	Motion JPEG
Compression	MPEG-4 Part2 (ISO/IEC 14496-2), Profile: SP
Resolutions	Motion JPEG: 3 resolutions from 640x480 to 160x120 via API, 3 resolutions via configuration web page MPEG-4: 3 resolutions from 640x480 to 160x120 via API, 3 resolutions via configuration web page
Frame rate	Motion JPEG: Up to 15 fps at 640x480 (4:3 resolution) MPEG-4: Up to 30 fps at 640x480 (4:3 resolution)
Video streaming	Simultaneous Motion JPEG and MPEG-4 (Dual streaming) Controllable Frame rate and bandwidth Support Unicast and Multicast Support 3GPP/ISMA RTSP (Real Time Streaming Protocol)
Image settings	Rotation: Mirror, Flip, Mirror Flip brightness, contrast, saturation, hue Overlay capabilities: time, date, text and privacy image
Shutter time	1/7.5 ~ 1/120 sec.
Audio	Two-way (full duplex) External microphone input or line input Audio compression: G.711 PCM, 8kHz, 64 kbit/s
Security	Multiple user access levels with password protection, HTTPS encryption
Users	5 simultaneous users Unlimited number of users using multicast
Alarm	Alarm input 5V/12V DC
Input/Output	Alarm output Max 30W
Instant	Support MSN Live View
Messenger	

Alarm and event management	Input: alarm buffer, alarm input, motion detection Output: FTP, SMTP, HTTP event, alarm output Pre-and post alarm buffer
Connectors	RJ-45 for Ethernet 10/100 Base-T (with PoE) DC power jack Terminal blocks for 1 alarm input, 1 output Reset push switch 3.5 mm jack for Mic/Line, 3.5 mm jack for line out
Casing	Aluminum casing
Power	12V DC, 1A, Max 12W PoE (Power over Ethernet) Built-in IEEE 802.3af
Operating conditions	-30 ~ 50 °C (-22 ~ 122 °F) Humidity 20 ~ 80% RH (non-condensing)
Installation, management, and maintenance	ZAVIO Camera Management tool on CD and web-based configuration. Configuration of backup and restore Firmware upgrades over HTTP, firmware available at www.zavio.com
Minimum web browsing requirement	Pentium 4 1.8GHz (or equivalent AMD) 64 MB RAM graphic cards (or equivalent on-board graphic cards) 512 MB RAM Windows 2000, 2003, XP or Vista Mac OS Leopard 10.5
Supported protocols	Bonjour, TCP/IP, DHCP, PPPoE, ARP, ICMP, FTP, SMTP, DNS, NTP, UPnP, RTSP, RTP, HTTP, TCP, UDP, 3GPP/ISMA RTSP
Included accessories	Quick Installation Guide, CD (IP Surveillance Software, Intelligent IP Installer, User Manuals, and Language Pack), mounting and connector kits
Video management software	ZAVIO Intelligent IP Installer_ Video management software, for viewing, recording and archiving up to 16 cameras See http://www.zavio.com/support.htm for more software application
Approvals	CE, FCC, RoHS
Dimensions (HxWxD) and weight	265 x 85 (φ)mm (10.3" x 3.3") 1641.5 g (3.6 lb) excl. power supply

Physical Description

