

F5110/F5115 Day/Night Box IP Camera



- ▶ 1.3 megapixel
- ▶ Multiple H.264, Motion JPEG, MPEG-4 and 3GPP video streams
- ▶ True day/night with automatic removable IR-cut filter
- ▶ Infrared LEDs with 10m effective range

- 1.3 megapixel progressive scan CMOS
- Multiple H.264, Motion JPEG, MPEG-4 and 3GPP video streams
- 15 fps in 1280 x 1024, 30 fps in 640 x 480
- True day/night capabilities with automatic removable IR-cut filter
- 850nm infrared LEDs with 10m effective range
- Two-way audio with built-in microphone and audio detection
- Power over Ethernet IEEE 802.3af (F5110)
- Wireless 802.11b/g (F5115)
- 1 x alarm input, 1 x alarm output
- SSL v3 advanced HTTPS encryption
- WEP, WPA, WPA2 advanced wireless security (F5115)
- Full support for Firefox, Safari and Mac OS
- Supports Samba network storage
- 3GPP mobile surveillance
- Easy access via Windows Live Messenger
- Multi-lingual user interface
- 16 channel surveillance software

ZAVIG

Technical Specifications

Models	F5110, F5115
Image sensor	1/4" Progressive scan CMOS 1.3 Megapixel sensor
Lens	F1.8, 4.2 mm megapixel board lens
Angle of view	46° horizontal
Digital Zoom	10x digital
Min Illumination	0.5 Lux 0 Lux with IR LEDs on
IR working distance	10 M
IR LEDs	5 φ IR LEDs x 12 (850nm)
Day/Night function	Mechanical IR cut filter
S/N Ratio	44dB
Video Compression	Motion JPEG MPEG-4 Part 2 (ISO/IEC 14496-2) Simple Profile H.264 Baseline Profile
Resolutions	Motion JPEG: 4 resolutions from 1280x1024 to 320x240 via API, 4 selections via configuration web page MPEG-4: 4 resolutions from 1280x1024 to 320x240 via API, 4 selections via configuration web page H.264: 4 resolutions from 1280x1024 to 320x240 via API, 4 selections via configuration web page
Frame rate	Motion JPEG: Up to 15 fps at 1280x1024 Up to 30 fps at 640x480 MPEG-4: Up to 15 fps at 1280x1024 Up to 30 fps at 640x480 H.264: Up to 15 fps at 1280x1024 Up to 30 fps at 640x480
Video streaming	Simultaneous Motion JPEG, MPEG-4, H.264 and 3GPP (4 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 Overlay capabilities: time, date, text and privacy image
Shutter time	1~ 1/17780 sec.
Audio	Two-way (full duplex) External microphone input or line input Audio compression: G.711 μ law, a law, and AMR
Wireless Encryption	IEEE 802. 11b/g (F5115)
Security	Multiple user access levels with password protection, HTTPS encryption WEP 64/128 bit, WPA/WPA2-PSK

Users	10 simultaneous users Unlimited number of users using multicast
Alarm Input/Output	Alarm input 5V/12V DC Alarm output Max 30W
Instant Messenger	Support MSN Live View
Alarm and event management	Input: alarm buffer, alarm input, motion detection, audio detection Output: network storage, FTP, SMTP, HTTP event, alarm output Pre-and post alarm buffer
Connectors	RJ-45 for Ethernet 10/100 Base-T 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	PC+ABS casing
Power	12V DC, 1A, Max 12W PoE (Power over Ethernet) Built-in IEEE 802.3af (F5110)
Operating conditions	0 ~ 50 °C (32 ~ 122 °F)
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	Core Duo 2.8GHz (or equivalent AMD) 256 MB RAM graphic cards (or equivalent on-board graphic cards) 1 G RAM Window 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, RTCP, 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, power supply 12V DC
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	124 x 75 x 44 mm (4.8" x 3" x 1.7") 198 g (0.4 lb) excl. power supply



Physical Description

