ZAVIO

F3110/ F3115 720p Megapixel Day/ Night Compact IP Camera

- ◎ **Megapixel 720P HD resolution**
- ◎ **Multiple H.264, Motion JPEG and MPEG-4 video streams**
- ◎ **True day/night with automatic removable IR-cut filter**
- ◎ **Build-in PIR sensor for human detection**
- ◎ **MicroSD card slot**
- ◎ **Power over Ethernet (F3110)**
- ◎ **Wireless 802.11b/g/n with WPS (F3115)**

- Megapixel CMOS image sensor

- HD 720p (1280 x 720p)

- 30 fps @ 1280 x 720

- True day/night capabilities with automatic removable IR-cut filter

- 4.0mm, F1.8 megapixel fixed lens

- Build-in PIR sensor

- Built-in microphone and speaker for two-way audio detection

- MicroSD card slot

- Power over Ethernet (IEEE 802.3af) (F3110)

- Wireless 802.11b/g/n with WPS (F3115)

- 1 x alarm input, 1 x alarm output

- SSL v3 advanced HTTPS encryption

- Free bundle 32ch CamGraba NVR software

- Free CamZaview mobile app for Android and iOS

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Technical Specifications

Camera

Models	F3110/ F3115 720p day/night compact IP camera
Image sensor	1/4" progressive scan megapixel CMOS sensor
Lens	F1.8 fixed lens , 4.0 mm
Angle of view	33° vertical, 53° horizontal, 62° diagonal
Digital zoom	10x digital
Min illumination	0.2 Lux at F1.8 (color), 0.001 Lux at F1.8 (b/w), 0 Lux at F1.8 (IR LED on)
IR working distance	10m effective range Adjustable brightness via FW
IR LEDs	6pcs (850nm)
Day/Night function	Mechanical IR cut filter
Shutter time	1/15 ~ 1/24,000 sec

Video

Video compression	Motion JPEG MPEG-4 part 2 (ISO/IEC 14496-2) simple profile H.264 baseline profile
Resolutions	Motion JPEG: 4 resolutions from 1280 x 720 to 320 x 240 via API, 4 selections via configuration web page MPEG-4: 4 resolutions from 1280 x 720 to 320 x 240 via API, 4 selections via configuration web page H.264: 4 resolutions from 1280 x 720 to 320 x 240 via API, 4 selections via configuration web page
Frame rate	Motion JPEG: up to 30 fps at 1280 x 720 MPEG-4: up to 30 fps at 1280 x 720 H.264: up to 30 fps at 1280 x 720
Video streaming	Simultaneous Motion JPEG, MPEG-4, H.264 and 3GPP (4 streams) Controllable frame rate and bandwidth Support unicast and multicast Support 3GPP/ ISMA RTSP (Real Time Streaming Protocol)
Image settings	Brightness, contrast, saturation WDR enhanced Rotation: mirror, flip, mirror flip Overlay capabilities: time, date, text and privacy Image

Audio

Audio streaming	Two-way (full duplex)
Audio compression	G.711 μ law, a law, AMR

Network

Security	Multiple user access levels with password protection, HTTPS encryption
Supported protocols	Bonjour, TCP/ IP, DHCP, PPPoE, ARP, ICMP, FTP, SMTP, DNS, NTP, UPnP, RTSP, RTP, HTTP, TCP,UDP, 3GPP/ ISMA RTSP
Users	10 simultaneous users Unlimited number of users using multicast
Wireless encryption	IEEE 802. 11b/g/n with WPS (F3115)

Alarm and Event Support

Alarm input/output	Alarm input 5V DC
Alarm and event management	Input: alarm buffer, motion detection, audio detection Output: network storage, FTP, SMTP, pre-and post alarm buffer
PIR sensor	Passive infrared (PIR) motion sensor with configurable sensitivity. Max range: 6m

System

Connectors	RJ-45 Ethernet 10/ 100 Base-T DC power Jack Reset & WPS button (F3115) Terminal blocks for 1 alarm input, 1 output
Local storage	MicroSD card slot

General

Casing	PC+ABS casing
Power	5V DC, 1A, Max 5W
Operating conditions	0 ~ 50 ℃ (32 ~ 122 ℉)
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 2.8GHz (or equivalent AMD) 256MB RAM graphic cards (or equivalent on-board graphic cards) 1G RAM Window 2000, 2003, XP, Vista or Windows 7 Mac OS Leopard 10.5 or later
Dimensions (HxWxD)	96.7 x 65.7 x 25 mm (3.77"x 2.56"x 0.97")
Weight	116.5g (0.3lb) excl. power supply
Included accessories	Quick Installation Guide, CD (IP Surveillance Software, Intelligent IP Installer, User Manuals, and Language Pack), mounting and connector kits, power supply 5V DC
Certification	CE, FCC, RoHS

Integration

Video management software	IP Installer & Video management software-- ZAVIO CamGraba for viewing, recording and archiving up to 32 cameras Android, iOS app—CamZaview supported

Physical Description

Focus Adjustment Ring
IR LEDs
Light Sensor
Built-in Microphone
Built-in Speaker
PIR Sensor
Network LEDs Indicator
Power LEDs Indicator

MicroSD Card Slot
5V Power
Network Connector
I/O connector
WPS LED Indicator (F3115)
Reset
WPS (F3115)
Wireless (F3115)