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

- 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
- Free bundle CamZaview mobile app
Datasheet 2 Compact IP Camera

ZAVIO F3110/ F3115 Compact IP Camera

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

**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. 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°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**
Pentium 4 2.8GHz (or equivalent AMD)
1G RAM
Windows 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
Power LEDs Indicator
Built-in Microphone
Built-in Speaker
PIR Sensor
Network LEDs Indicator
Light Sensor
MicroSD Card Slot
Network Connector
I/O connector
WPS LED Indicator (F3115)
WPS (F3115)
Wireless (F3115)
5V Power
Reset
WPS (F3115)
Wireless (F3115)