

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)
- Supports True Plug and Play Cloud Solution

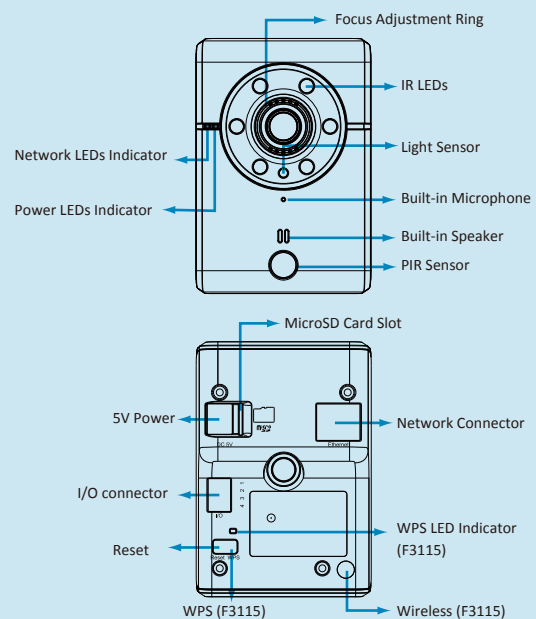
- Megapixel CMOS image sensor
- HD 720p (1280 x 720p)
- 30 fps @ 1280 x 800
- True day/night capabilities with automatic removable IR-cut filter
- 4.0mm, F1.8 megapixel fixed lens
- Build-in PIR sensor
- Built-in microphone and speaker for two-way audio detection
- MicroSD card slot
- Power over Ethernet (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 64ch CamGraba NVR software

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	1/2 ~ 1/10000 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 800 to 320 x 240 via API, 4 selections via configuration web page MPEG-4: 4 resolutions from 1280 x 800 to 320 x 240 via API, 4 selections via configuration web page H.264: 4 resolutions from 1280 x 800 to 320 x 240 via API, 4 selections via configuration web page
Frame rate	Motion JPEG: up to 30 fps at 1280 x 800 MPEG-4: up to 30 fps at 1280 x 800 H.264: up to 30 fps at 1280 x 800
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. 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) 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 32 mm (3.77"x 2.56"x 1.3")
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 64 cameras

Physical Description





VERIFICATION OF COMPLIANCE

This Verification of Compliance is hereby issued to the product designated below.

Product	Wireless IP CAM
Model	F3115
Applicant	ZAVIO Inc. 2F, No.13, R&D Rd.II, Science Based Industrial Park, Hsinchu, Taiwan
Applicable Standard(s)	EN 55022:2010 EN 61000-3-2:2006 + A2:2009 EN 61000-3-3:2008 EN 55024:2010, including IEC 61000-4-2:2008 IEC 61000-4-3:2006 + A1:2007 + A2:2010 IEC 61000-4-4:2004 + A1:2010 IEC 61000-4-5:2005 IEC 61000-4-6:2008 IEC 61000-4-8:2009 IEC 61000-4-11:2004
Reference No.	T120820S01-E
Test Laboratory	Compliance Certification Services Inc. (Hsin-Chu Lab) NO. 989-1 Wen Shan Rd., Shang Shan Village, Qionglin Shiang Hsinchu County 30741, Taiwan, R.O.C Tel: +886-3-5921698 / Fax: +886-3-5921108

This device has been tested and found to comply with the stated standard(s), which is(are) required by the Council Directive of 2004/108/EC. The test results are indicated in the test report and are applicable only to the tested sample identified in the report.

Sb Lu / Sr. Engineer

Date: October 12, 2012



程智科技股份有限公司
Compliance Certification Services Inc.



EC-Declaration of Conformity

The following equipment:

Wireless IP CAM

(Product Name)

F3115 / ZAVIO

(Model Designation / Trade Name)

ZAVIO Inc .

(Company Name)

2F, No.13, R&D Rd.II, Science Based Industrial Park, Hsinchu, Taiwan

(Company Address)

is hereby confirmed to comply with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility Directive (2004/108/EC). For the evaluation regarding the Electromagnetic Compatibility (2004/108/EC) the following standards are applied:

EN 55022:2010

EN 61000-3-2:2006 + A2:2009

EN 61000-3-3:2008

EN 55024:2010

IEC 61000-4-2:2008

IEC 61000-4-3:2006 + A1:2007 + A2:2010

IEC 61000-4-4:2004 + A1:2010

IEC 61000-4-5:2005

IEC 61000-4-6:2008

IEC 61000-4-8:2009

IEC 61000-4-11:2004

The following manufacturer / importer or authorized representative established within the EUT is responsible for this declaration:

(Company Name)

(Company Address)

Person responsible for making this declaration:

(Name, Surname)

(Position / Title)

(Place)

(Date)

(Legal Signature)



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This device has been tested and found to comply with the stated standard(s), which is(are) required by the article 3 of the R&TTE Directive of 1999/5/EC. The test results are indicated in the test report and are applicable only to the tested sample identified in the report.

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(Company Address)

is hereby confirmed to comply with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Radio Equipment and Telecommunications Terminal Equipment Directive (1999/5/EC). For the evaluation regarding the Radio Equipment and Telecommunications Terminal Equipment Directive (1999/5/EC), the following standards were applied:

ETSI EN 300 328 V1.7.1:2006

ETSI EN 301 489-1 V1.9.2:2011

ETSI EN 301 489-17 V2.1.1:2009

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