

## F3000/ F3005 H.264 Compact IP Camera



- H.264, Motion JPEG and MPEG-4 Video Streams
- Superior Low-Light Performance
- MicroSD Card Slot
- Wireless 802.11b/g/n with WPS (F3005)
- Supports True Plug and Play Cloud Solution

- Progressive scan CMOS
- H.264, Motion JPEG, MPEG-4 and 3GPP video streams
- 30 fps per second in all resolutions.
- 3.6mm, F2.0 fixed lens
- Enhances low-light performance with enhanced night mode.
- Built-in microphone and audio detection
- MicroSD card slot
- Ultra compact size
- Wireless 802.11b/g/n with WPS (F3005)
- SSL v3 advanced HTTPS encryption
- Full support for Firefox, Safari and Mac OS
- Supports Samba network storage
- 3GPP mobile surveillance
- Multi-lingual user interface

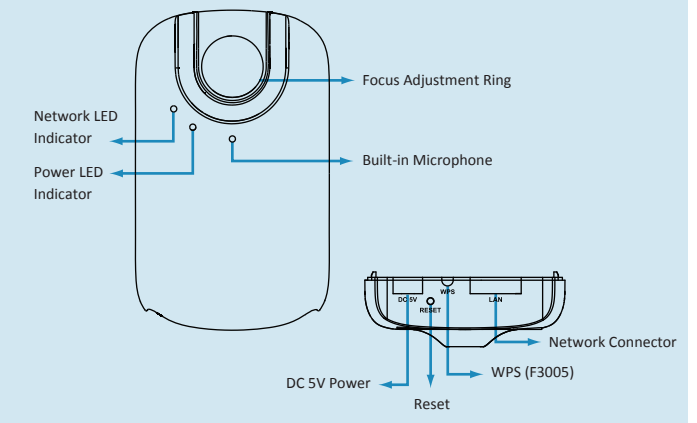
## Technical Specifications

Camera	
<b>Models</b>	F3000/ F3005 H.264 compact IP camera
<b>Image sensor</b>	1/4" progressive scan CMOS sensor
<b>Lens</b>	F2.0, 3.6mm
<b>Angle of view</b>	49° horizontal
<b>Digital zoom</b>	10 x digital
<b>Min illumination</b>	0.2 lux at F2.0
<b>Shutter time</b>	1/7~1/24000sec.
Video	
<b>Video compression</b>	Motion JPEG, MPEG-4, H.264
<b>Resolutions</b>	Motion JPEG: 3 resolutions from 640 x 480 to 160 x 120 via API, 3 selections via configuration web page MPEG-4: 3 resolutions from 640 x 480 to 160 x 120 via API, 3 selections via configuration web page H.264: 3 resolutions from 640 x 480 to 160 x 120 via API, 3 selections via configuration web page
<b>Frame rate</b>	Motion JPEG: up to 30 fps at 640 x 480 MPEG-4: up to 30 fps at 640 x 480 H.264: up to 30 fps at 640 x 480
<b>Video streaming</b>	Simultaneous Motion JPEG, MPEG-4, H.264 and 3GPP (multiple streaming) Controllable frame rate and bandwidth
<b>Image settings</b>	Brightness, contrast, saturation Rotation: mirror, flip, mirror flip Overlay capabilities: time, date, text and privacy image
Audio	
<b>Audio streaming</b>	One-way
<b>Audio compression</b>	G.711 $\mu$ law, a law, AMR
Network	
<b>Wireless encryption</b>	IEEE 802.11b/g/n with WPS (F3005)
<b>Security</b>	Multiple user access levels with password protection, HTTPS encryption
<b>Supported protocols</b>	Bonjour, TCP/ IP, DHCP, PPPoE, ARP, ICMP, FTP, SMTP, DNS, NTP, UPnP, RTSP, RTP, RTCP, HTTP, TCP, UDP, 3GPP/ ISMA RTSP
<b>Users</b>	5 simultaneous users Unlimited number of users using multicast
Alarm and Event Support	
<b>Alarm and event management</b>	Input: alarm buffer, motion detection, audio detection Output: network storage, FTP, SMTP, pre-and post alarm buffer
System	
<b>Connectors</b>	RJ-45 Ethernet 10/ 100 Base-T DC power jack WPS switch (F3005) Reset button
<b>Local storage</b>	MicroSD card slot
General	
<b>Casing</b>	PC + ABS casing
<b>Power</b>	5V DC, 1A, Max 5W
<b>Operating conditions</b>	0 ~ 50 °C (32 ~ 122 °F)

<b>Installation, management, and maintenance</b>	ZAVIO camera management tool on CD and web-based configuration. Configuration of backup and restore firmware upgrades over HTTP
<b>Minimum web browsing requirement</b>	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
<b>Dimensions (HxWxD)</b>	104 x 63 x 35mm(4.1" x 2.5" x 1.4")
<b>Weight</b>	116.5g (0.31lb) excl. power supply
<b>Included accessories</b>	Quick installation guide, CD (IP surveillance software, intelligent IP installer, user manuals, and language packs), mounting and connector kits, power supply 5V DC
<b>Certification</b>	CE, FCC, RoHS

Integration	
<b>Video management software</b>	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	IP CAM
Model	F3005
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.	T121022S02-E
Test Laboratory	<b>Compliance Certification Services Inc. (Hsin-Chu Lab)</b> 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: December 06, 2012*



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



# EC-Declaration of Conformity

The following equipment:

IP CAM

( Product Name )

F3005 / 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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Trade Name	ZAVIO
Applicant	ZAVIO Inc. 2F, No.13, R&D Rd.II, Science Based Industrial Park, Hsinchu, Taiwan
Applicable Standard(s)	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 EN 55022:2010 EN 61000-3-2:2006 + A2:2009 EN 61000-3-3:2008 EN 61000-4-2:2009 EN 61000-4-3:2006 + A2:2010 EN 61000-4-4:2004 + A1:2010 EN 61000-4-5:2006 EN 61000-4-6:2009 EN 61000-4-11:2004
Reference No.	T121022S02-RT/RE
Test Laboratory	<b>Compliance Certification Services Inc. (Hsin-Chu Lab)</b> 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 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.**

Sb Lu / Sr. Engineer

Date: December 14, 2012



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



## EC-Declaration of Conformity

The following equipment:

IP CAM

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( Model Designation / Trade Name )

ZAVAIO Inc .

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( 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 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

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

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