

## 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)

- 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>	1/7.5 ~ 1/15000sec.
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 1920 x 1080 MPEG-4: up to 30 fps at 1920 x 1080 H.264: up to 30 fps at 1920 x 1080
<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 (full duplex)
<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 32 cameras Android, iOS app—CamZaview supported

