

F3102/ F3107 720p Megapixel Compact IP Camera



- Megapixel 720P HD resolution
- Multiple H.264, Motion JPEG and MPEG-4
 video streams
- MicroSD card slot
- O Power over Ethernet (F3102)
- Wireless 802.11b/g/n with WPS (F3107)

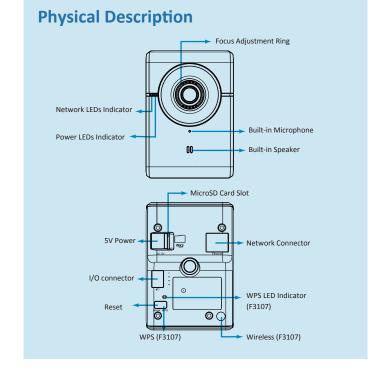
- Megapixel CMOS image sensor
- HD 720p (1280 x 720p)
- 30 fps @ 1280 x 800
- F1.8 fixed lens , 4.0 mm F2.0 fixed lens , 2.8 mm (option)
- Built-in microphone and speaker for two-way audio detection
- MicroSD card slot
- Power over Ethernet (IEEE 802.3af) (F3102)
- Wireless 802.11b/g/n with WPS (F3107)
- 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

Technical Specifications

Camera	
Models	F3102/ F3107 720p compact IP camera
Image sensor	1/4" progressive scan megapixel CMOS sensor
Lens	F1.8 fixed lens , 4.0 mm F2.0 fixed lens , 2.8 mm (option)
Angle of view	53° horizontal 91° horizontal (option)
Digital zoom	10x digital
Min illumination	0.2 lux at F1.8
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 (F3107)
Alarm and Event	
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
System Connectors	RJ-45 Ethernet 10/ 100 Base-T
Connectors	DC power Jack Reset & WPS button (F3107) Terminal blocks for 1 alarm input, 1 output

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 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





MicroSD card slot

Local storage