## F3100 1.3 Megapixel Compact Camera



- 1.3 megapixel resolution
- H.264, Motion JPEG and MPEG-4 video streams
- 15 fps in 1280 x 1024, 30 fps in 640 x 480

## Onvie

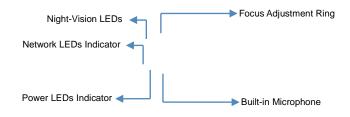
- 1.3 megapixel progressive scan CMOS sensor
- Multiple H.264, Motion JPEG, MPEG-4 and 3GPP video streams
- 15 fps in 1280 x 1024, 30 fps in 640 x 480
- Excellent low-light performance with enhanced night mode
- 6 LED Illuminators
- Two-way audio with built-in microphone and audio detection
- SSL v3 advanced HTTPS encryption
- Full support for Firefox, Safari and Mac OS
- Supports Samba network storage
- 3GPP mobile surveillance
- Easy access via EZvuu
- Multi-lingual user interface
- 32 channel surveillance software

## **Technical Specifications**

Models	F3100 Compact Camera
Image sensor	1/4" Progressive scan 1.3 Megapixel CMOS sensor
Lens	F1.8, 4.2 mm
Angle of view	46° horizontal
Digital Zoom	10x digital
Min Illumination	0 Lux at F2.0 with Night-vision LEDs on
IR working	5M
Distance	
S/N Ratio	44dB
Video	Motion JPEG
Compression	MPEG-4 Part 2 (ISO/IEC 14496-2) Simple Profile
	H.264 Baseline Profile
Resolutions	Motion JPEG:
	4 resolutions from 1280x1024 to 320x240 via API,
	4 selections via configuration web page
	MPEG-4:
	4 resolutions from 1280x1024 to 320x240 via API,
	4 selections via configuration web page
	H.264:
	4 resolutions from 1280x1024 to 320x240 via API,
	4 selections via configuration web page
Frame rate	Motion JPEG: Up to 15 fps at 1280x1024
	Up to 30 fps at 640x480
	MPEG-4: Up to 15 fps at 1280x1024
	Up to 30 fps at 640x480
	H.264: Up to 15 fps at 1280x1024
	Up to 30 fps at 640x480
Video streaming	Simultaneous Motion JPEG, MPEG-4, H.264 and
	3GPP (Dual streaming)
	Controllable Frame rate and bandwidth
	Support Unicast and Multicast
	Support 3GPP/ISMA RTSP
	(Real Time Streaming Protocol)
Image settings	Rotation: Mirror, Flip, Mirror Flip
	brightness, contrast, saturation
	Overlay capabilities: time, date, text and privacy image
Shutter time	1/4~ 1/17780 sec.
Audio	Two-way (full duplex)
	Audio compression: G.711 $\mu$ law, a law, and AMR
Security	Multiple user access levels with password protection,
	HTTPS encryption
Users	10 simultaneous users

Alarm and event	Input: alarm buffer, motion detection, audio detection
management	Output: network storage, FTP, SMTP, Pre-and post alarm buffer
Connectors	RJ-45 for Ethernet 10/100 Base-T
	DC power jack
	Reset push switch
	SD/SDHC memory card slot
	3.5 mm jack for line out
Casing	PC+ABS casing
Power	12V DC, 1A, Max 12W
Operating conditions	0 ~ 50 °C (32 ~ 122 °F)
Installation,	ZAVIO Camera Management tool on CD and
management, and maintenance	web-based configuration. Configuration of backup and restore
	Firmware upgrades over HTTP, firmware available at
	www.zavio.com
Minimum web	Pentium 4 2.8GHz (or equivalent AMD)
browsing	256 MB RAM graphic cards
requirement	(or equivalent on-board graphic cards) 1G RAM
	Window 2000, 2003, XP or Vista
	Mac OS Leopard 10.5
Supported	Bonjour, TCP/IP, DHCP, PPPoE, ARP, ICMP, FTP,
protocols	SMTP, DNS, NTP, UPnP, RTSP, RTP, RTCP, HTTP,
	TCP, UDP, 3GPP/ISMA RTSP
Included	Quick Installation Guide, CD (IP Surveillance
accessories	Software, Intelligent IP Installer, User Manuals, and
	Language Pack), mounting and connector kits, power
	supply 12V DC
Video	ZAVIO CamGraba IP System software, for viewing,
management	recording and archiving up to 32 cameras
software	
Approvals	CE, FCC, RoHS
Dimensions	104 x 63 x 35 mm (4.1" x 2.5" x 1.4")
(HxWxD) and	116.5 g (0.3 lb) excl. power supply
weight	

## **Physical Description**



Unlimited number of users using multicast

