ZAVIO

D3100 720p Megapixel Mini Dome IP Camera
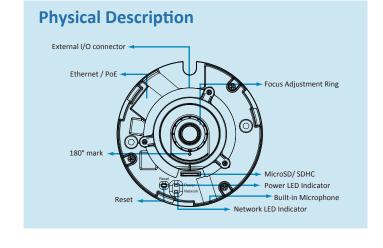
- **Megapixel 720P HD resolution**
- **Multiple H.264, Motion JPEG and MPEG-4 video streams**
- **MicroSD card slot**
- **Power over Ethernet**
- **Ultra-compact**
- **Screwless 3-axis angle adjustment for easy installation on wall or ceiling**
- **Supports True Plug and Play Cloud Solution**

- Megapixel CMOS image sensor

- Multiple H.264, Motion JPEG, MPEG-4 and 3GPP video streams

- 30 fps in 1280 x 800

- F1.8 fixed lens , 4.0 mm

  F2.0 fixed lens , 2.8 mm (option)

- Two-way audio and built-in microphone

- Micro SD card slot storage

- Power over Ethernet (IEEE 802.3af)

- 1 x alarm input, 1 x alarm output

- RTC with built-in battery

- SSL v3 advanced HTTPS encryption

- Full support for Firefox, Safari, Chrome and Mac OS

- Supports Samba network storage

- 64 channel ZAVIO CamGraba NVR software

- 3GPP mobile surveillance

- Multi-lingual user interface

Technical Specifications

Camera

Models	D3100 Mini Dome 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 81° horizontal (option)
Digital zoom	10x digital
Min illumination	0.2 Lux at F1.8
Shutter time	1/2 ~ 1/10000 sec
Pan range	± 172°
Tilt range	± 79°
Rotation	± 180°

Video

Video compression	Motion JPEG MPEG-4 part 2 (ISO/IEC 14496-2) simple profile H.264 baseline profile
Resolutions	Motion JPEG: 5 resolutions from 1280 x 800 to 160 x 120 via API, 5 selections via configuration web page MPEG-4: 5 resolutions from 1280 x 800 to 160 x 120 via API, 5 selections via configuration web page H.264: 5 resolutions from 1280 x 800 to 160 x 120 via API, 5 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

Alarm and Event Support

Alarm input	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 Reset button 6pin cable for 1 alarm input, 1 output, 1 Line in, 1 Line out
Local storage	MicroSD card slot

General

Casing	Top: PC+ABS casing; Bottom: Aluminum casing
Power	IEEE 802.3af PoE Class 1
Operating conditions	0 ~ 50 ℃ (32 ~ 122 ℉)
Installation, management, and maintenance	ZAVIO camera management tool on CD and web-based configuration. Configuration of backup and restore firmware upgrades
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)	60.6 x 99 (φ)mm (2.4"x 3.9")
Weight	264g (0.58lb) excl. power supply
Included accessories	Quick Installation Guide, CD (IP Surveillance Software, Intelligent IP Installer, User Manuals, and Language Pack), mounting and connector kits, focus adjustment
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

External I/O connector
Ethernet / PoE
Focus Adjustment Ring
180° mark
MicroSD/ SDHC
Reset
Power LED Indicator
Built-in Microphone
Reset
Network LED Indicator