ZAVIO

P5111/ P5116 720P Megapixiel Day/ Night Pan/ Tilt Camera
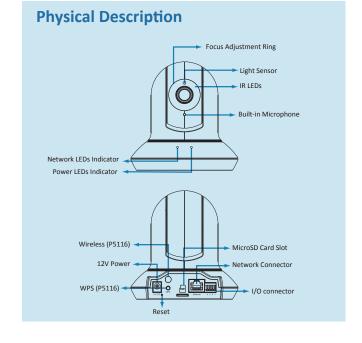

- ○ **Megapixel 720P HD resolution**
- ○ **Multiple H.264, Motion JPEG and MPEG-4 video streams**
- ○ **True day/night with automatic removable IR-cut filter**
- ○ **MicroSD card slot**
- ○ **Power over Ethernet (P5111)**
- ○ **Wireless 802.11b/g/n with WPS (P5116)**

- Megapixel progressive scan CMOS sensor

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

- 30 fps in 1280 x 800

- Day/night functionality with automatic removable IR-cut filter

- 11 IR LEDs with adjustable brightness and 10m distance

- 4mm, F1.8 megapixel fixed lens

- Motorized wide-range pan and tilt

- 32 preset positions, 4 patrol sets

- Micro SD card local storage

- Power over Ethernet IEEE 802.3af (P5111)

- Wireless 802.11b/g/n with WPS (P5116)

- 1 x alarm input, 1 x alarm output

- SSL v3 advanced HTTPS encryption

- Supports Samba network storage

- 3GPP mobile surveillance

- Multi-lingual user interface

- ONVIF compliant

Technical Specifications

Camera

Models	P5111/ P5116 720P Megapixel Day/ Night Pan/ Tilt IP Camera
Image sensor	1/4" progressive scan megapixel CMOS sensor
Lens	F1.8 fixed lens , 4.0 mm
Angle of view	33° vertical, 53° horizontal, 62° diagonal
Digital zoom	10x digital
Min illumination	0.2 Lux at F1.8 (color), 0.001 Lux at F1.8 (b/w), 0 Lux at F1.8 (IR LED on)
IR working distance	10m effective range Adjustable brightness via FW
IR LEDs	11pcs (850nm)
Day/Night function	Mechanical IR cut filter , Light sensor
Shutter time	1/2 ~ 1/10000 sec
Pan/ Tilt	354° pan range, 60°/sec pan speed 125° tilt range, 71°/sec tilt speed

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	One-way
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 (P5116)

Alarm and Event Support

Alarm input/output	Alarm input 5V/12V DC Alarm output Max 30W
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 (withPoE) DC power Jack Reset push switch WPS button (P5116) Terminal blocks for 1 alarm input, 1 output
Local storage	MicroSD card slot

General

Casing	PC+ABS casing
Power	12V DC, 1A, Max 12W PoE (Power over Ethernet) Built-in IEEE 802.3af
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 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)	112 x 114 (φ)mm (4.4"x 4.4")
Weight	232.6g (0.51lb) 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 12V 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 See http://www.zavio.com/support_softwares.php for more software application

Physical Description

Focus Adjustment Ring
Light Sensor
IR LEDs
Built-in Microphone
Network LEDs Indicator
Power LEDs Indicator

Wireless (P5116)
12V Power
WPS (P5116)
Reset
MicroSD Card Slot
Network Connector
I/O connector