

## P5111/ P5116 720P Megapixel 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)
- Supports True Plug and Play Cloud Solution

- 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	
<b>Models</b>	P5111/ P5116 720P Megapixel Day/ Night Pan/ Tilt IP Camera
<b>Image sensor</b>	1/4" progressive scan megapixel CMOS sensor
<b>Lens</b>	F1.8 fixed lens , 4.0 mm
<b>Angle of view</b>	33° vertical, 53° horizontal, 62° diagonal
<b>Digital zoom</b>	10x digital
<b>Min illumination</b>	0.2 Lux at F1.8 (color), 0.001 Lux at F1.8 (b/w), 0 Lux at F1.8 (IR LED on)
<b>IR working distance</b>	10m effective range Adjustable brightness via FW
<b>IR LEDs</b>	11pcs (850nm)
<b>Day/Night function</b>	Mechanical IR cut filter , Light sensor
<b>Shutter time</b>	1/2 ~ 1/10000 sec
<b>Pan/ Tilt</b>	354° pan range, 60°/sec pan speed 125° tilt range, 71°/sec tilt speed
Video	
<b>Video compression</b>	Motion JPEG MPEG-4 part 2 (ISO/IEC 14496-2) simple profile H.264 baseline profile
<b>Resolutions</b>	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
<b>Frame rate</b>	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
<b>Video streaming</b>	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)
<b>Image settings</b>	Brightness, contrast, saturation WDR enhanced Rotation: mirror, flip, mirror flip Overlay capabilities: time, date, text and privacy Image
Audio	
<b>Audio streaming</b>	One-way
<b>Audio compression</b>	G.711 μ law, a law, AMR
Network	
<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, HTTP, TCP,UDP, 3GPP/ ISMA RTSP
<b>Users</b>	10 simultaneous users Unlimited number of users using multicast
<b>Wireless encryption</b>	IEEE 802. 11b/g/n with WPS (P5116)
Alarm and Event Support	
<b>Alarm input/output</b>	Alarm input 5V/12V DC Alarm output Max 30W
<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 (withPoE) DC power Jack Reset push switch WPS button (P5116) Terminal blocks for 1 alarm input, 1 output
<b>Local storage</b>	MicroSD card slot
General	
<b>Casing</b>	PC+ABS casing
<b>Power</b>	12V DC, 1A, Max 12W PoE (Power over Ethernet) Built-in IEEE 802.3af
<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, firmware available at <a href="http://www.zavio.com">www.zavio.com</a>
<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>	112 x 114 (φ)mm (4.4"x 4.4")
<b>Weight</b>	232.6g (0.51lb) excl. power supply
<b>Included accessories</b>	Quick Installation Guide, CD (IP Surveillance Software, Intelligent IP Installer, User Manuals, and Language Pack), mounting and connector kits, power supply 12V 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 64 cameras See <a href="http://www.zavio.com/support_softwares.php">http://www.zavio.com/support_softwares.php</a> for more software application

## Physical Description

