

The Axis 221 Day & Night Network Camera is a high performance camera for round-the-clock surveillance over IP networks.

With the ability to provide high quality images under all lighting conditions, the Axis 221 is an ideal solution for indoor and outdoor applications, including the surveillance of buildings, roads, parking areas, garages, railway stations and airports. The camera is supported by the industry's largest base of video management software for video and alarm management.

The Axis 221 features an automatic, removable infrared-cut filter, which enables the camera to provide color video when there is sufficient light, and black and white video in dark conditions. It uses a high performance Pentax lens and a progressive scan CCD image sensor that enables moving objects to be presented without distortion. In addition to support for 45 frames per second at all resolutions, the Axis 221 offers simultaneous Motion JPEG and advanced MPEG-4 video streams to optimize image quality and bandwidth efficiency.

The Axis 221 also supports a number of advanced features that give the camera increased flexibility and capabilities, including Power over Ethernet, video motion detection, pre- and post-alarm buffer, and inputs/outputs for connecting external devices such as door sensors and relays to activate light or close doors. Power over Ethernet makes the installation easier, cheaper and more secure since Power over Ethernet can take advantage of UPS (uninterrupted power supply), which provides back-up power in case of a power failure.

Packaged Quantity: 10

Product Type: Surveillance/Network Camera

Product Model: 221

### **Display & Graphics**

Sensor Type: CCD

Video Resolution: 640 x 480 @ 45 fps Motion JPEG 480 x 360 @ 60 fps Motion JPEG 160 x 120 Motion JPEG 640 x 480 @ 24 fps MPEG-4 480 x 360 @ 30 fps MPEG-4 160 x 120 MPEG-4

Illumination: 0.65 Lux - F1.0 in Color Mode 0.08 Lux - F1.0 in Black & White Mode

Color Support: Color Black & White

### **Lens**

Lens Type: **Pentax TS3V310ED Lens:** Focal Length: 3.0 - 8.0mm

Optical Zoom: 2.6x

### **Network & Communication**

Connectivity Technology: Cable

Protocols: IP HTTP HTTPS SSL/TLS TCP ICMP SNMP RTSP RTP UDP  
IGMP RTCP SMTP FTP DHCP UPnP ARP DNS DDNS SOCKS  
NTP

### **Interfaces/Ports**

Interfaces/Ports: 1 x RJ-45 10/100Base-TX 2 x Alarm Input 1 x Terminal Block  
Output 1 x RS-232 1 x DC Power Input

### **Power Description**

Input Voltage: 7 V DC to 24 V DC

### **Physical Characteristics**

Dimensions: 1.93" Height x 3.46" Width x 7.32" Depth

Weight: 19.4 oz - Excluding power supply

### **Shipping Information**

Shipping Weight : 29.0 lb

Shipping Dimensions : 11.0" Height x 14.0" Width x 22.0" Depth

### **Miscellaneous**

Additional Information: SNMPv1/v2c/v3 (MIB-II) supported

#### **Processors, Memory and Clock:**

CPU: ETRAX 100LX 32bit Video Processing and Compression:  
ARTPEC-2 Memory: 32MB RAM, 8MB Flash Battery backed up  
real-time clock

System Requirements: **PC:** Pentium III CPU 500MHz or higher, or equivalent AMD  
128MB RAM AGP graphic card, Direct Draw, 32MB RAM  
Windows XP, 2000, NT4.0\*, Me\*, 98\* DirectX 9.0 or later  
Internet Explorer 5.x or later\*Motion JPEG only

Compatibility: NTSC PAL

Security: Multiple user access levels with password protection IP address  
filtering HTTPS encryption

Platform Support: PC

### **Warranty**

Standard Warranty: 1 Year(s) Limited