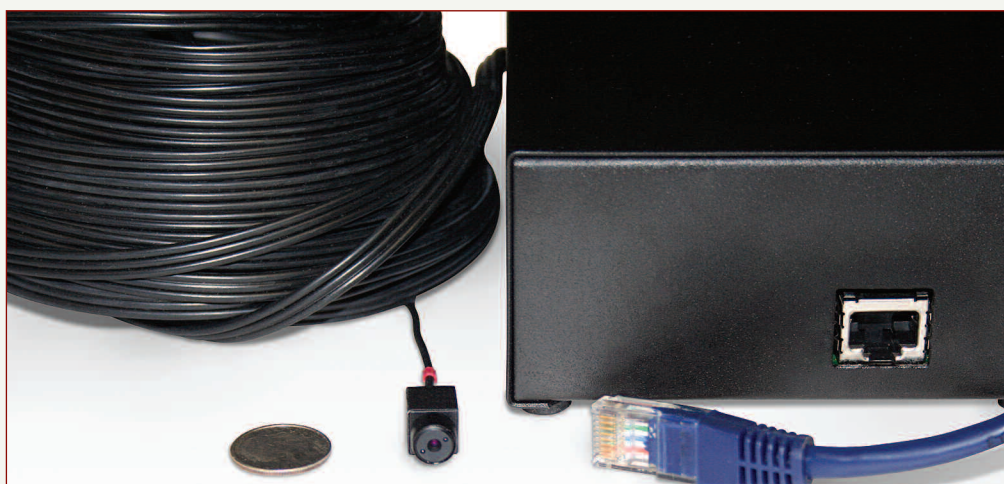
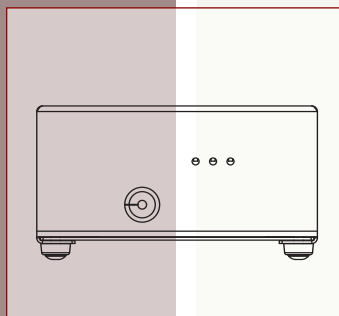
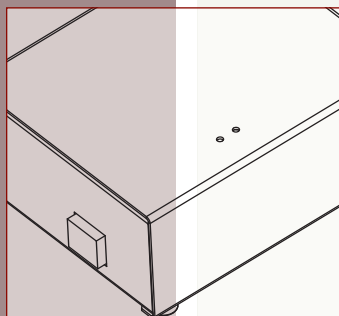
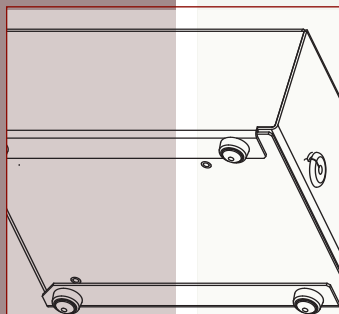




- **Power over Ethernet**
- **1/4" Color CMOS Camera**
- **Built in Video Server**
- **Requires Only 1/16" viewing hole**
- **Over 20M of Camera Cable Included**
- **Audio Version Available**

IP Micro Camera



MCHIP-POE-20 MCHIP-POE-20A (Audio)

Ideal for covert surveillance and remote monitoring, the IP Micro Camera can be concealed just about anywhere.

This camera requires a mere 1/16" viewing window and offers a complete set of security features, including multiple user access levels with passwords, HTTPS encryption and IP address filtering that ensures secure video handling and configuration.

The built-in web server provides full access to all features with a standard browser, and the built-in scripting tool allows basic applications to be created providing basic surveillance solutions.

This IP Micro Camera is powered over an ethernet cable and makes the video available on the network as real-time, full-frame rate Motion JPEG and/or MPEG-4 video.

Tiny, covert, accessible, the Aigis IP Micro Camera is truly an innovative solution for sensitive security situations.

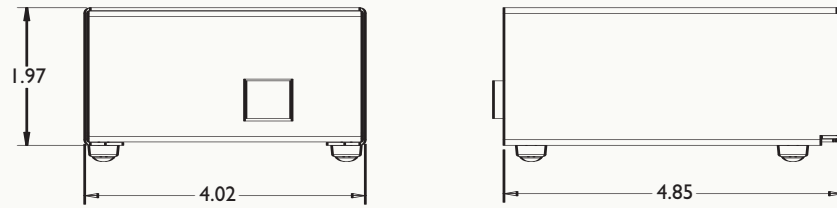
SPECIFICATIONS

WEB SERVER SPECIFICATIONS	
Connection	• Ethernet 10BaseT/100BaseTX, RJ-45 connector (Requires PoE Injector; not included)
Power	• 8-20 V DC, Max 8 W
Video compression	• Motion-JPEG • MPEG-4 Part2 (ISO/IEC 14496-2), Profiles:ASP and SP
Resolution	• 4CIF, 2CIF Expanded, 2CIF, CIF, QCIF • Maximum 704x480 (NTSC) 768x576 (PAL) • Minimum 160x120 (NTSC) 176x144 (PAL)
Frame rates (NTSC/PAL)	• Motion JPEG: Up to 30/25 fps at 4CIF • MPEG-4: Up to 30/25 fps at 2CIF • MPEG-4: Up to 20/17 fps at 4CIF
Video streaming	• Simultaneous Motion JPEG and MPEG-4 • Controllable frame rate and total bandwidth • Constant and variable bit rate (MPEG-4)
Image settings	• Compression levels: 11 (Motion JPEG), 23 (MPEG-4) • Rotation: 9°, 180°, 270° • Aspect ratio correction • Color and black/white • Overlay capabilities: time, date, text, image or privacy mask • Deinterlacing filter
Audio features (MCHIP-20A Only)	• G.711 PCM 64kbit/s, G.726 ADPCM 32 or 24 kbit/s, full duplex, half duplex, simplex or audio off
Security	• Multiple user levels with password protection • IP address filtering • HTTPS encryption
Alarm and event management	• Events triggered by built-in motion detection, external inputs or according to a schedule • Image upload over FTP, email and HTTP • Notification over TCP, email, HTTP and external outputs • Pre- and post alarm buffer of 9 MB (approx. 4 min of CIF resolution video at 4 frames per second)
Management and maintenance	• User's manual for web-based configuration tools available at www.axis.com - Axis Video Server 282/282A • Backup and restore Firmware upgrades over HTTP or FTP, firmware available at www.axis.com - Axis Video Server 282/282A
Minimum Web browsing requirements	• Pentium III CPU 500Mhz or higher; or equivalent AMD 128 MB RAM • AGP Graphic Card, Direct Draw, 32 MB RAM • Windows XP, 2000 NT4.0*, ME*, or 98*, DirectX 9.0 or later, Internet Explorer 5x or later For other operating systems see www.axis.com/techsup *Motion JPEG only

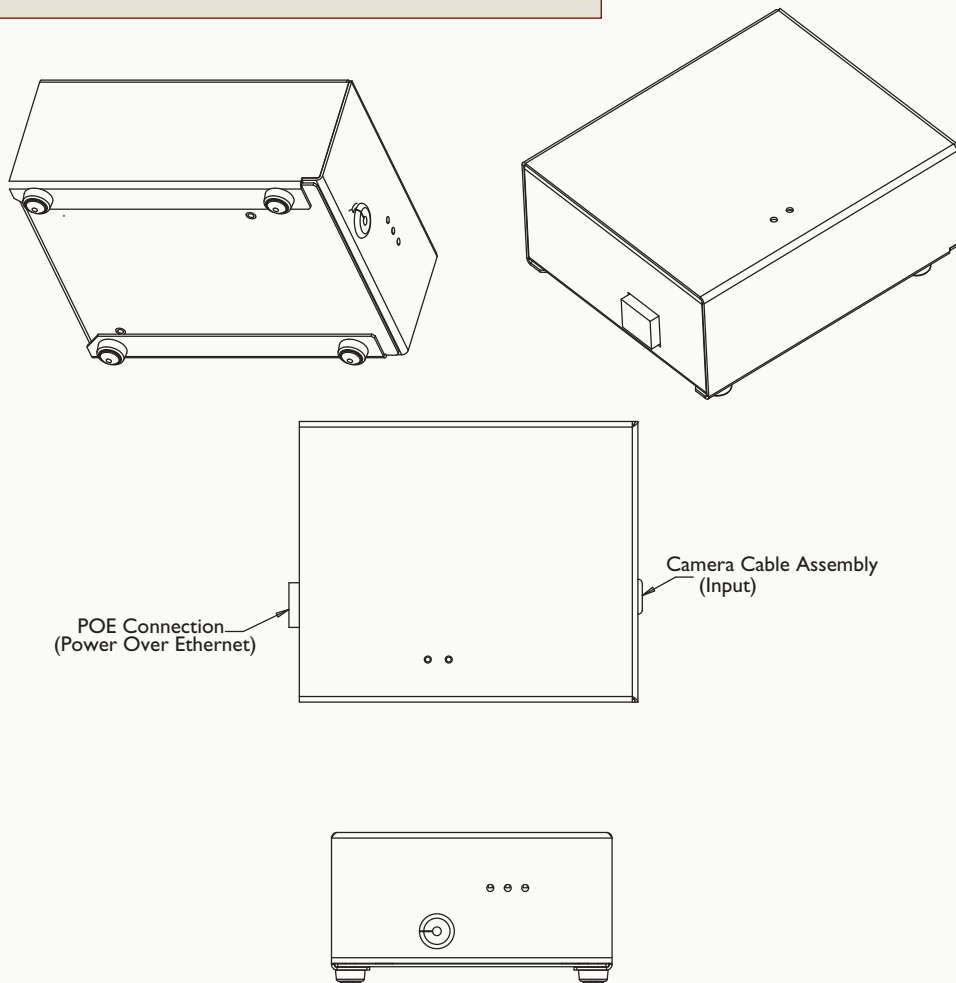
COLOR CMOS CAMERA SPECIFICATIONS	
Horizontal Resolution	380 TVL
Minimum Illumination	1.5 lux @ f/1.2
Imager Sensor	1/4" Color CMOS Chip
Power Supply	7-12V DC
Power Current	35mA (max.)
Video Format	NTSC
Pixels	492 (V) X 510 (H)
Scanning System	2:1 Interlace
S/N Ratio	48 db
Synchronization	Internal
Electronic Shutter	1/50-1/630000
Video Output	1Vp-p, 75ohms Composite
Audio Output	20-16000Hz, S/N More than 58dB
Horizontal Sync Freq.	15.73kHz (NTSC)
Vertical Sync Freq.	60Hz (NTSC)
LENS SPECIFICATIONS	
Focal Length	3.5 mm
Iris	Fixed: F2.6

MECHANICAL SPECIFICATIONS		
Housing	Construction	Aluminum box
	Finish	Powder Coated Black
	Weight	2lb. including Camera Cable
Cable Connection		RJ-45 Connector
Camera Cable Length		20 Meters (66 feet)
ENVIRONMENTAL		
Temperature		Operating 5-50°C (41-122°F)
Humidity		20-80%RH (non-condensing)
Enclosure Protection		Rated for Indoor Use
POWER SPECIFICATIONS		
Unit Power		7-12 V DC 12W Power over Ethernet (PoE injector not included)

DIMENSIONAL OUTLINE MCHIP-POE



ISOMETRIC VIEW - MCHIP-POE





mechtronics

©2006 Aigis Mechtronics

1124 Louise Road, Winston-Salem, NC 27107-5450

Tel: 336.785.7740 Fax: 336.785.7744

www.aigismech.com

Data subject to change without notice

Prelim. Draft 02/07 rev_01

Printed in U.S.A.