

12x PTZ Network Camera

PZ-040 12x Series



- **Sony Super HAD CCD Sensor in D1 Resolution**
- **12x Optical Zoom and 12x Digital Zoom**
- **360° Endless Pan Rotation Control and 0° ~ 90° Tilt Capabilities.**
- **Built-in IR Illuminator LEDs / Removable IR-cut Filter / Auto Light Sensor for Day and Night**
- **3D Privacy Masks for Private Area Protection**
- **MPEG-4, MJPEG and H.264 Triple Codec Compression**
- **1 DI/DO for External Alarm and Sensor Device**
- **EasyConfig. for Easy Set Up and GUI Integration**

The Brickcom PZ-040 12x series is a high-end PTZ network camera which offers 360-degree indoor protection. The 12x optical/digital zoom and pan/tilt design enable the PZ-040 12x series to provide the ultimate solution for lobby, office, and bank surveillance.

The PZ-040 12x series is unmatched in its ability to provide end users with superb video surveillance while allowing for easy installation and use. Support for Power over Ethernet (PoE) simplifies the installation process by allowing the camera to receive power and transmit data through the same cable. The EasyConfig. software allows for easy management of the PZ-040 12x series' many features. H.264, M-JPEG, and MPEG-4 triple codec compression offer end users a flexible system which does not require high bandwidth and storage capabilities.

There are many features of the PZ-040 12x series which enable it to provide 360-degree, 24-hour video surveillance. The PZ-040 12x series has a precise pan/tilt mechanical design which allows the camera to capture a panoramic view with 360-degree continuous pan and 90-degree tilt. The 12x motorized zoom lens with auto focus enables end users to capture a clear, detailed shot of objects. Other specific features of the PZ-040 12x series include the Sony Super HAD CCD sensor, built-in IR-cut filter, IR illuminator LEDs, and Auto Light sensor.

PZ-040 12x Series

Product Name
12x PTZ Network Camera

Model Number
PZ-040D 12x: NTSC
PZ-040E 12x: PAL

Hardware System
CPU: 500 MHz
Flash: 16M
RAM: 128M DDR

Image Sensor
Sensor Type : 1/4" Sony Super HAD CCD sensor
Sensor Resolution : 720x480(NTSC)
720x576(PAL)
Minimum Illumination:
Color: 0.5 Lux, B/W: 0 Lux

Lens
Lens Type : 12x Optical Zoom Lens
Focal Length: f= 3.8 ~ 45.6 mm
F number: F1.6 ~ F2.7
Horizontal View Angle : 4.49° ~ 52.8°
Removable IR Cut Filter
Auto Iris/ Auto Focus

Video
Auto Exposure Control / Auto White Balance / Auto Gain Control
Image Compression Format :
H.264 / MPEG4 / MJPEG

Image Resolution
PZ-040D 12x:
720x480
352x240
PZ-040E 12x:
720x576
352x288

Frame Rate at Max. Resolution
PZ-040D 12x:
H.264: 30 fps
MPEG: 30 fps
MJPEG: 30 fps
PZ-040E 12x:
H.264: 25 fps
MPEG: 25 fps
MJPEG: 25 fps

Audio
2-way audio
External MIC/Line Input
External Audio Output

Pan/Tilt/Zoom
Pan: 360°, 0.5°~120°/s
Tilt: 90°(0°~90°) , 0.5°~120°/s
Zoom: 12x Optical Zoom
12x Digital Zoom

Network
Ethernet : one 10/100Mbps RJ-45

Supported Protocols : TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, Bonjour, RTP, RTSP, RTCP,

Interface & Buttons
DC 12V Power Connector
Ethernet Cable Connector
General I/O Terminal Block
Video Out(BNC)
Eternal MIC/ Line Input
External Audio Output

LEDs
Power/ ACT

Power
Input : DC12V / 2A(Power Adapter)
High Power PoE

Max Power consumption
17 watt

Environment
Operating Temperature :-10°C ~ 50°C (14°F ~122°F)
Operating Humidity : 0% ~ 90%

Dimension
Ø 135 mm x 142 mm

Weight
1.1kg(2.4 lbs)

Certification
FCC,CE,

Warranty
Limited 1-year warranty

