



2 Megapixel IP camera PixEye MEGA

The camera is intended to use for high resolution video surveillance systems. Featuring 2 Megapixel sensor, advanced algorithms for real time video processing and precise lenses, this device can achieve superb quality in very wide lighting range.

Camera characteristics:

- **Sensor:** New generation high quality CMOS sensor with native resolution 1600x1200 (2MPix).
 - Sensor size: 1/3"
 - Progressive Scan
 - Dynamic range: > 71 dB
 - Light sensitivity: 0,5 lx (with IR filter), 0,03 lx (without IR filter)
 - Auto exposure (AE/AES)
 - Automatic gain control (AGC)
 - Automatic white balance (AWB)
 - Back light compensation (BLC)
 - Flicker noise filter – 50 / 60 Hz
 - Pixel binning mode 2x2
 - Digital Pan-Tilt-Zoom
- **Lens:** CS or C mount Megapixel type lens.
- **Camera configuration options:** The device can be configured via password protected, intuitive web interface (remotely via the network). Some of the configuration options are:
 - Network settings - IP address, network mask, gateway, DHCP.
 - Configuration of the video stream, resolution from 320x240 to 1600x1200, image aspect (4:3 or 16:9), number of frames per second, compression level, sensor exposure (auto, manual, limited), Image parameters and etc.
 - Remote firmware upgrade via the network.
- **Interface:** 100Base-T Ethernet – RJ-45 + POE
- **Video codec:** High quality Motion JPEG.
- **Video performance:**
 - 1600x1200 @ 15 fps MJPEG
 - HDTV 720p (1280x720) @ 25 fps MJPEG
 - PAL D1 (720x576) up to 30 fps MJPEG
- **Power:** PoE 802.3af. using PoE Switch or PoE injector (36-60 V DC).
- **Power consumption:** 2 W
- **Standards:**
 - EN55022 class B – Emission
 - EN55024 – Immunity
 - EN60950-1 – Safety
- **Temperature range:** from – 20 °C to + 50 °C
- **Size:** 95 x 42 x 45 mm (without lens and stand)
- **Weight:** 300 g (without lens and stand)



- 2MPix High Resolution Sensor
- Resolutions from 320x240 to 1600x1200
- Progressive Scan, AWB, BLC
- High Quality MJPEG compression
- Digital Pan-Tilt-Zoom with no moving parts
- Web server and intuitive web interface
- Power Over Ethernet (POE)
- Compact size
- Low Light Mode



Standard C/CS mount



High quality lens



Power over Ethernet (POE)

