



Intelligent network camera PixEye SD1

The camera is intended to use for professional cost effective video surveillance systems. Featuring ultra low noise 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 ultra low noise CMOS sensor. PAL D1 resolution supported at 30 frames per second.
 - Sensor size: 1/3"
 - Progressive Scan
 - Dynamic range: > 71 dB
 - Light sensitivity: 1 lx (with IR filter), 0,08 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
- **Lens:** CS or C mount CCTV lens.
- **Camera configuration options:** The device can be configured via password protected, intuitive web interface (remotely via the net work).
 - Network settings – IP address, network mask, gateway
 - Configuration of the video stream, resolution from 160x120 to 720x576, image aspect (4:3 or 16:9), 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:**
 - PAL D1 (720x576) @ 30 fps MJPEG
 - CIF (352x288) up to 90 fps MJPEG
- **Power:** PoE 802.3af. using PoE Switch or PoE injector (36-60 V DC).
- **Power consumption:** 1,5 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)

- Ultra low noise sensor
- Resolutions from 720x576 to 160x120
- Progressive Scan, AWB, BLC
- High Quality MJPEG compression
- Web server and intuitive web interface
- Power Over Ethernet (POE)
- Compact size
- Low power consumption – 1,5 W
- Low Light Mode

