



## LOGIPIX 6 MP PTZ-08E

The Logipix 6 MP PTZ ensures a high resolution and a 25 FPS speed. The camera provides effective manual target tracking thanks to its fast positioning and high accuracy within a 360° horizontal and 100° vertical range. Its image sensor delivers wide dynamic range images. The picture quality and the 36x optical zoom of the camera makes it possible to provide close-ups of the areas of interest and target objects. As the PTZ has a unique integrated Laser illuminator with an automatic cooperating focus system, it is able to provide quality images of monitored targets even in low lighting conditions. Specially developed PTZ control functions in the Logipix Control Center, such as mouse controlled joystick emulation, the PointIT control function or PTZ position bookmarks make monitoring convenient and easy.

### KEY FEATURES

- 6 MP resolution
- 1" size sensor
- Wide Dynamic Range images
- 36x optical zoom
- 500W Laser illuminator with automatic cooperating focus system
- 3D Privacy mask
- Multi-zone video motion detection analytics
- IP66 rated outdoor enclosure
- Fast and accurate positioning
- Specially developed control functions in the Logipix Control Center
- JPEG2000 wavelet-based, visually lossless compression
- Integrated cleaning system (Wiper + Washer)

**RESOLUTION SPECIFICATION**

Face recognition (Automatic identification) distance	600 ppm	150 m
Face recognition (Identification by operator) distance	250 ppm	360 m
Human detection (Detection by operator) distance	25 ppm	3600 m

**SPECIALLY DEVELOPED FUNCTIONS IN THE LOGIPIX CONTROL CENTER**

Precise positioning with simple mouse click

PTZ history

PTZ zoom control by area selection

Joystick emulation control with mouse

PTZ positioning on map

GPS based positioning

Interactive PTZ control on the panoramic image

PTZ Position bookmarks

Automatic PTZ tour with predefined parameters

Zone violation detection and immediate alarm (in cooperation with a VCA LNVR)

Abandoned object detection and immediate alarm (in cooperation with a VCA LNVR)

Detecting suspicious behaviors and immediate alarm (in cooperation with a VCA LNVR)

Individually compressed frames

Special picture enhancement algorithm for foggy, rainy weather conditions

**TECHNICAL SPECIFICATION**

<b>Part number</b>	LPIX-PTZ-08E
<b>Description</b>	Logipix 6MP IP PTZ DN camera with Varifocal IR Laser illuminator and Integrated cleaning system w/o water tank
<b>Day and Night</b>	ICR function for Day/Night switching, automatically removable infrared-cut filter
<b>Sensor</b>	CMOS Sony 1"
<b>WDR</b>	103 dB
<b>Scanning system</b>	Progressive, no interlaced scanning
<b>Video compression</b>	JPEG2000
<b>Image size</b>	3072 x 2048
<b>Frame rate</b>	Up to 25 FPS @ 6MP; all resolution
<b>Lens</b>	f = 6 mm - 216 mm; F = 1.5 - 4.3; Auto-focus, Auto-Iris
<b>Zoom</b>	36x Optical Zoom, 10x Digital zoom
<b>Horizontal range</b>	0-360°
<b>Vertical range</b>	0-100°
<b>Preset speed</b>	400°/sec
<b>Preset accuracy</b>	± 0.10°
<b>Preset positions</b>	100, selectable default preset
<b>Guard tour</b>	Unlimited, Schedule based
<b>Angle of View</b>	Horizontal: 63.17° - 1.96° Vertical: 44.57° - 1.30°
<b>Minimum illumination</b>	Color: 0.75 lux (50 IRE AGC-OFF 1/10s 80%) 0.02 lux (50 IRE AGC-ON 1/2s 80%) B/W: 0.01 lux (50 IRE AGC-OFF 1/10s 80%) 0.001 lux (50 IRE AGC-ON 1/2s 80%)

## TECHNICAL SPECIFICATION

<b>Image settings</b>	Color, Brightness, White balance, Compression ratio, FPS, Exposure control, Real-time image enhancement, Text overlay
<b>Privacy mask</b>	3D Privacy mask
<b>Analytics</b>	Video motion detection, multi-zone
<b>Event triggers</b>	Live stream access, Archive stream accessed, Video motion detection, Network, Camera Settings, Temperature, Input trigger, Preset reached
<b>Laser Illuminator</b>	Varifocal Laser illuminator, 808 nm, 500W pulsed
<b>Sound</b>	Built-in microphone, 1 ch external 24 kHz/16bit, sound in/output
<b>Inputs/Outputs</b>	4 programmable IO connections NO, NC / OC 0.5A/30V
<b>Ethernet connection</b>	1000 Mbit; RJ45
<b>Network</b>	TCP/IP
<b>Network security</b>	1500 bit public-key RSA; User authentication
<b>Storage support</b>	Logipix Network Video Recorder 3 <sup>rd</sup> generation (LNVR2-XX-XX)
<b>Approvals</b>	EN 55022:2010/AC:2011, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 50130-4:2011/A1:2015, EN 55013:2013, EN 55024:2010, IEC/EN 60529 IP66

## RELATED COMPONENTS

### Logipix NVR

Part number	Description
LNVR4-10-16	Logipix 4 <sup>th</sup> NVR for Logipix Panorama and Logipix ONE cameras, 1 port 10 Gbit SFP+ for cameras, 16 HDDs, max. 2 pcs of Logipix Storage Expansion unit
LNVR4-16-16	Logipix 4 <sup>th</sup> NVR for Logipix Panorama and Logipix ONE cameras, 1 port 10 Gbit SFP+ for cameras, 16 HDDs, max. 2 pcs of Logipix Storage Expansion unit

### Logipix SOFTWARE

Part number	Description
SDB08-CC+	Logipix Control Center Professional
SDB08-CCU	Logipix Control Center Ultimate

## APPLICATION AREAS

The Logipix 6 MP PTZ camera makes it possible to effectively monitor medium or large-scale areas both indoors and outdoors. The camera delivers a resolution that is high enough for face recognition even at hundreds of meters distance therefore it is the ideal component of surveillance solutions. The Logipix PTZ camera can be effectively used together with the Logipix Panorama camera as it can be controlled on the panoramic images by selecting an area of interest. As it is possible to monitor streets, parks or large scale urban areas easily with these cameras, they are the essential parts of the Logipix city, safe and smart city, airport, border control and critical infrastructure surveillance solutions.

- **Border Surveillance**
- **Critical Infrastructure Video Surveillance**
- **Airport Video Monitoring**

**MECHANICAL SPECIFICATION**

<b>Material</b>	Full metal casing Aluminum alloy, glass windows
<b>Dimensions (W x D x H)</b>	205 × 312 × 386 mm (with mounting bracket)
<b>Package dimensions (W x D x H)</b>	290 × 300 × 410 mm
<b>Master carton dimensions (W x D x H)</b>	630 × 630 × 450 mm
<b>Pieces / Master carton</b>	4 pcs

**MECHANICAL DRAWINGS**

All values are in mm

