



## LOGIPIX FULL HD PTZ-12

The Logipix Full HD PTZ camera delivers images at a full HD resolution and 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. The image quality and the 30x optical zoom of the camera makes it possible to deliver close-ups of areas of interest and target objects. The device has a unique integrated IR illuminator with an automatic cooperating focus system, therefore the camera is able to operate even in changing or low-light conditions. The specially developed PTZ control functions in the Logipix Control Center such as mouse controlled joystick emulation, the PointIT control function or PTZ position bookmarks greatly facilitate the monitoring.

### KEY FEATURES

- Full HD resolution
- 25 FPS
- 30x optical zoom
- IR illuminator with automatic cooperating focus system
- IP66 rated outdoor enclosure
- Fast and accurate positioning
- Specially developed control functions in the Logipix Control Center
- JPEG2000 wavelet-based, visually lossless compression

**RESOLUTION SPECIFICATION**

<b>Face recognition (Automatic identification) distance</b>	600 ppm	77 m
<b>Face recognition (Identification by operator) distance</b>	250 ppm	184 m
<b>Human detection (Detection by operator) distance</b>	25 ppm	1840 m

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

Precise positioning with the cursor

Zoom history

PTZ zoom control by area selection

Joystick emulation mouse control

PTZ positioning on the map

GPS based positioning

Interactive PTZ control on the panoramic image

PTZ Position bookmarks

Automatic PTZ tour with predefined parameters

**TECHNICAL SPECIFICATION**

<b>Part number</b>	LPIX-PTZ-12
<b>Description</b>	Logipix full HD PTZ camera
<b>Video compression</b>	JPEG2000
<b>Picture format</b>	1920 x 1080P, 1280 x 720P, 720 x 576P
<b>Sensor</b>	1/3" CMOS Sony FCB-EH6500
<b>Framerate</b>	25 FPS @ full resolution
<b>Sensitivity</b>	0.038 lux (50IRE, ICR on), 0.005 lux (30IRE, ICR on)
<b>Lens</b>	1/3-type, f = 4.3 mm ~ 129.0 mm
<b>Optical zoom</b>	30x
<b>IR Illuminator</b>	Varifocal, 120m, 5W
<b>Ethernet connection</b>	100 Mbit
<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>Power supply</b>	DC 24V / 3A
<b>Power consumption</b>	18W + 12W heater
<b>Protection classification</b>	-20 °C to + 50 °C (-4 °F to + 122 °F)
<b>Humidity</b>	0% - 90% (Non condensing)
<b>Protection</b>	IP66

**MECHANICAL SPECIFICATION**

<b>Material</b>	Full metal casing Aluminum alloy, glass windows
<b>Weight</b>	5.7 kg (12.57 lbs) (with mounting bracket)
<b>Dimensions (W x D x H)</b>	210 × 310 × 380 mm (with mounting bracket)
<b>Package gross weight</b>	7 kg (15.43 lbs)
<b>Package dimensions (W x D x H)</b>	290 × 300 × 410 mm
<b>Master carton gross weight</b>	30 kg (66.14 lbs)
<b>Master carton dimensions (W x D x H)</b>	630 × 630 × 450 mm
<b>Pieces / Master carton</b>	4 pcs

**RELATED COMPONENTS****Logipix NVR**

<b>Part number</b>	<b>Description</b>
LNVR4-16-16-L	Logipix 4 <sup>th</sup> Network Video Recorder for 16pcs max. 15MP cameras, rack-mount with 20 HDDs
LNVR4-16-8-L	Logipix 4 <sup>th</sup> Network Video Recorder for 16pcs max. 15MP cameras, rack-mount with 8 HDDs

**Logipix SOFTWARE**

<b>Part number</b>	<b>Description</b>
SDB08-CC+	Logipix Control Center Professional
SDB08-CCU	Logipix Control Center Ultimate

**APPLICATION AREAS**

Thanks to the Logipix Full HD PTZ camera it is possible to effectively monitor medium or large scale areas both indoors and outdoors. As the PTZ can be effectively used together with the Logipix Panorama camera and be controlled on the panoramic image the Full HD camera is perfect for city surveillance tasks, such as monitoring streets, parks or large-scale urban environments. PTZ cameras could also be essential components of Logipix stadium, airport, border control and critical infrastructure solutions.

- **Safe and Smart City Surveillance solution**
- **City Video Surveillance solution**
- **Stadium Video Surveillance solution**
- **Airport Video Surveillance solution**
- **Border Control Video Surveillance solution**
- **Critical Infrastructure Video Surveillance solution**

**DIMENSIONS** (all values are in mm)

