LOGIPIX

LOGIPIX 6 MP PTZ-08

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 an integrated IR illuminator with an automatic cooperating focus system. 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
- IR 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

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

TECHNICAL SPECIFICATION

Image settings	Color, Brightness, White balance, Compression ratio, FPS, Exposure control, Real-time image enhancment, Text overlay
Pricacy mask	3D Privacy mask
Analytics	Video motion detection, multi-zone
Event triggers	Live stream access, Archive stream accessed, Video motion detection, Network, Camera Settings, Temperature, Input trigger, Preset reached
Laser Illuminator	Varifocal IR illuminator
Sound	Built-in microphone, 1 ch external 24 kHz/16bit, sound in/output
Inputs/Outputs	4 programmable IO connections NO, NC / OC 0.5A/30V
Ethernet connection	1000 Mbit; RJ45
Network	TCP/IP
Network security	1500 bit public-key RSA; User authentication
Storage support	Logipix Network Video Recorder 3nd generation (LNVR2-XX-XX)
Approvals	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 4th NVR for Logipix Panorama and Logipix ONE cameras, 1 port 10 Gbit SFP+ for cameras, 16 HDDs
LNVR4-16-16	Logipix 4th NVR for Logipix Panorama and Logipix ONE cameras, 1 port 10 Gbit SFP+ for cameras, 16 HDDs

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**
- **Wide Area Monitoring**

MECHANICAL SPECIFICATION

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

MECHANICAL DRAWINGS

All values are in	mm

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