### LOGIPIX



## MULTI-MEGAPIXEL VIDEO SURVEILLANCE SYSTEM

www.logipix.com

# **APPLICATION AREAS**

#### LOGIPIX Stadium Surveillance

- Stitched panoramic images up to 240 MP resolution cover the entire seating bowl
- Recognizable faces at every seat in the stadium during the whole event
- Flexible system structure with individually installed cameras
- Additional Full HD PTZ cameras to get 1000 ppm resolution
- Interactive PTZ camera control on the panoramic images

- Storage optimized solutions
- Cover the whole stadium from the perimeter areas and the entry gates to the seating bowl
- Seamless work in the monitoring room by the easily managable Control Center
- Video management software functions are tailored to stadium requirements

### **Traffic Surveillance**

- Recognizable license plates in all light conditions
- Human operation or automatic and semi-automatic VCA applications to capture offending vehicles
- Scalable system structure up to even thousands of cameras in one system
- Efficient system management
- Irrefutable video evidence for the competent authorities

#### End-to-end system from cameras to VMS

IP cameras ranging from 2MP to 200MP

**LOGIPIX ONE** Leading edge security camera with 1" size sensor

**Stitched panoramic images** Wider monitoring perspective

Advanced Video Content Analysis Capturing irrefutable video evidences

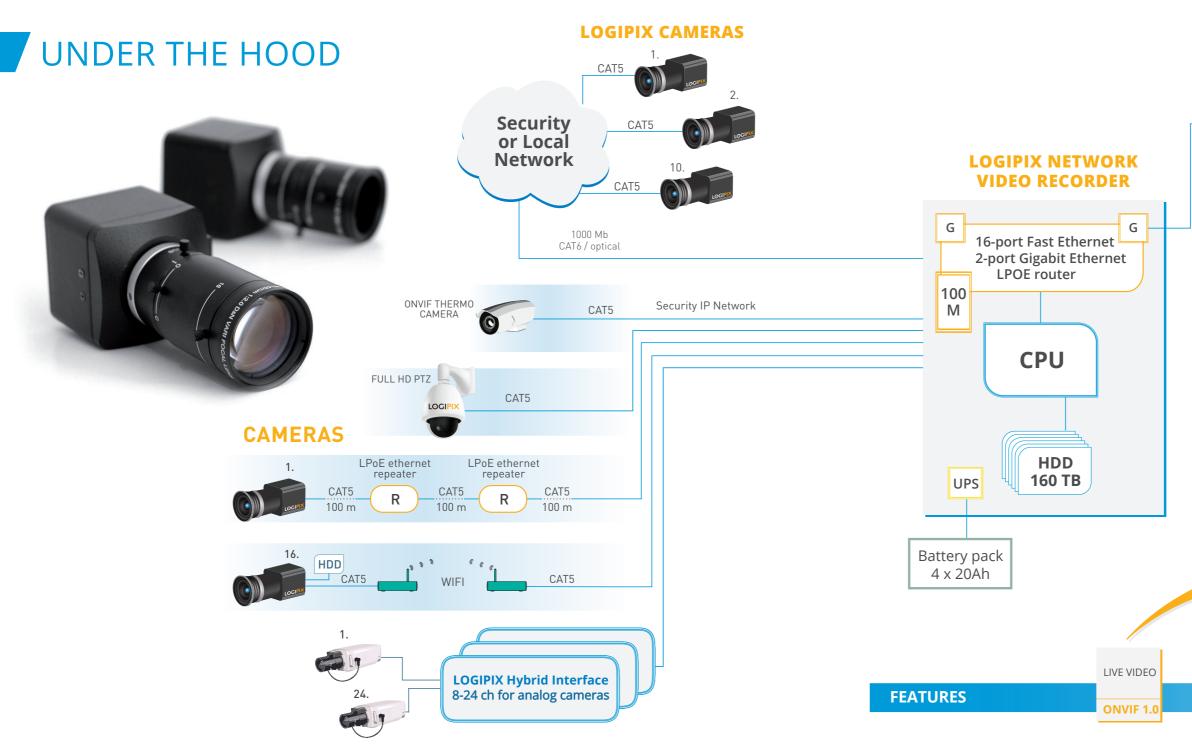
Versatile Video Management Software Intuitive, easy-to-use software interface

#### **Open system architecture**

Compliant with ONVIF standards and analog cameras

#### **City Surveillance**

- LOGIPIX ONE cameras provide stunning images even in tricky light conditions
- LOGIPIX 200 MP Panorama cameras replacing up to hundred conventional full HD devices
- Comfortably controllable LOGIPIX Full HD PTZ cameras
- Flexible system architecture that can grow with your needs
- VCA in city surveillance
- Detect abandoned objects
- Detect damaging public property











# VIDEO SYSTEM FEATURES

### **Logipix Cameras**

- Entry level 2 MP camera series ٠
- 5MP camera family, when full HD is not enough
- 15MP camera family to monitor larger areas
- Logipix ONE, the high-end 14/20 MP camera with 1" sensor
- 200MP Panorama Camera •
- PTZ cameras with full HD resolution
- Auto Back Focus module
- Local storage •

### **High Performance NVR**

- 16/32 LOGIPIX cameras •
- Built-in high capacity redundant storage, 160 Tbyte, • 1600 Mbit/sec
- Built-in high performance managed UPS/1kWh •
- Built-in managed LPoE router supplies the camera • over Ethernet cable
- Managed VLAN, cameras are isolated from the company network
- Industrial design and 24/7 operation

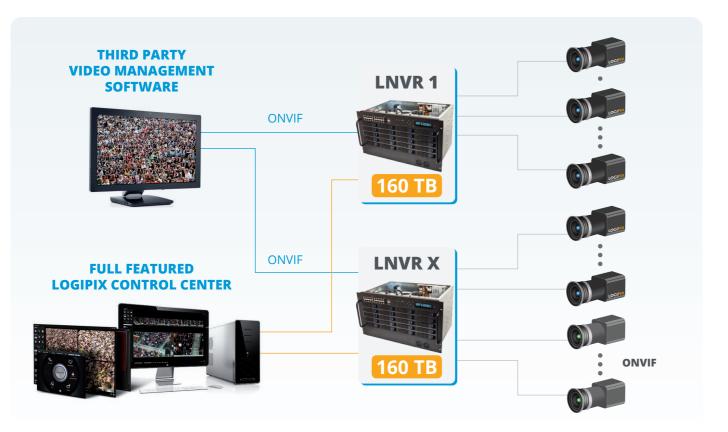
#### Video Management Software - Control Center

- Client/server architecture
- Intuitive, user-friendly interface .
- Fully compatible with ONVIF standards •
- Stitched panoramic images, with up to 1 Gigapixel • displayed on a single screen
- Logi-Zoom ensures cost effective bandwidth management
- Touchscreen gesture control for PTZ •
- Quick incident review .
- Efficient and versatile archive playback •

#### **Contemporary Video** Surveillance

- Large scale of camera resolutions 2MP-200MP
- Support multiple image formats H.264 and JPEG2000 compression standards
- Full scalability Flexible system structure
- An open system ONVIF compliant
- Designed for long term 10-year life-cycle for • every instruments
- Full legal compliance adjustable to local laws





#### **ONVIF**

- Any third-party ONVIF-S camera can be connected to the LOGIPIX NVR
- LOGIPIX NVR could provide ONVIF-S video streams for third-party VMS
- LOGIPIX NVR is using ONVIF-G 2.0 standard to provide archive images for third-party VMS

#### JPEG2000 compression for Multi-megapixel cameras

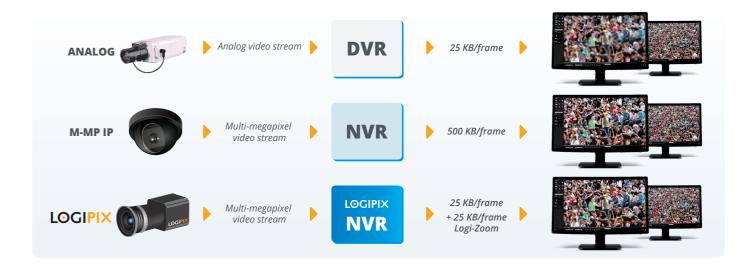
- Developed for high resolution images
- Provides high quality images whilst keeping the file size small
- Flexible bandwidth management
- Wavelet based image compression

#### Stitched Panoramic Image

- Uniquely developed software function to stitch the individual camera pictures
- Real-time stitching
- Neither blind nor redundant areas
- All critical areas are monitored
- Movements can be tracked seamlessly
- View several high-resolution zoomed areas on a single panoramic image

### Intelligent Picture Transmission with Logi-Zoom

Logi-Zoom is a unique recorder driven zoom functionhigh resolution, with the rest of the image being sent inthat delivers high quality images over even a low band-a lower, screen optimized resolution.width network. It is an extremely cost effective functionas it only sends the currently required picture area in







#### LOGIPIX ONE

- 1" size sensor for extra sensitivity and wide dynamic range
- 14/20 MP resolution to get minute details
- 20 FPS at full resolution
- Wavelet based JPEG2000 compression standard
- LPoE power over Ethernet
- Auto Back focus module
- Local storage and built-in NVR function
- Triple optical filters: Day mode/Night mode/Visibility enhancement mode



#### **LOGIPIX Panoramic Cameras**

- Up to ten integrated 20 MP LOGIPIX ONE
- Available in different models: 180° / 60° / 40° FOV
- Synchronized pictures
- No duplicated or hidden objects on the image
- Multi-Zoom function



#### LOGIPIX 15 MP cameras

- 1/2" size sensor for general purposes
- 15 MP resolution to cover large areas
- 5 FPS at full resolution
- Wavelet based JPEG2000 compression standard
- LPoE power over Ethernet
- Optional Auto Back Focus module
- Optional dome camera design with IP 65 metal housing
- Optional local storage and built-in NVR function



#### LOGIPIX Full HD PTZ Cameras

- Unique image processor developed by our engineers
- Full HD resolution
- H.264 and JPEG2000 compression standards
- Long range varifocal lenses for up to 30x optical zoom
- Touchscreen gesture control
- Highly accurate and incredibly fast positioning system
- Face recognition up to 300 meters



#### LOGIPIX Full HD Cameras

- Entry level camera series
- H.264 compression standard
- Transmission over low bandwidth networks
- Available in different models: box, dome and bullet



#### LOGIPIX Network Video Recorder - The LNVR

- Box or rack mounted design
- Intelligent picture transmission
- Manage up to 32 high-resolution 15MP cameras
- Up to 160Tbyte storage capacity
- 1600 Mbit/sec recording speed
- VRM<sup>™</sup> fail-safe file system
- Built-in managed 16+2 port LPoE router
- OLED screen for displaying LNVR status information



#### LOGIPIX 5 MP Cameras

- Recommended for monitoring medium to large areas
- H.264 compression standard
- Transmission over low bandwidth networks
- Available in different models: box, bullet



#### LOGIPIX Hybrid Extension

- Seamless integration of analog cameras into the LOGIPIX system
- Connect up to 24 analog cameras
- Up to 128 analog cameras connected to a single NVR
- JPEG2000 compression standard
- Box or rack mounted design
- Storage on the LNVR

### CONTACT US

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