



MULTI-MEGAPIXEL VIDEO SURVEILLANCE SYSTEM



APPLICATION AREAS

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

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 manageable 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

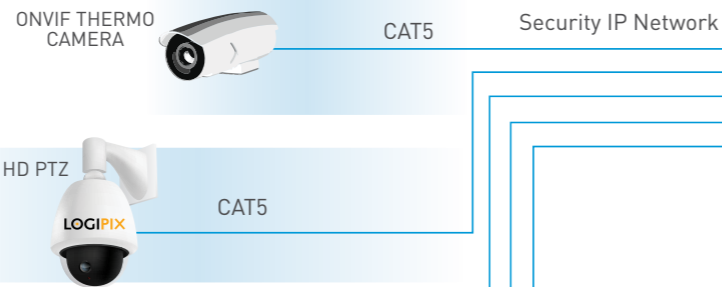
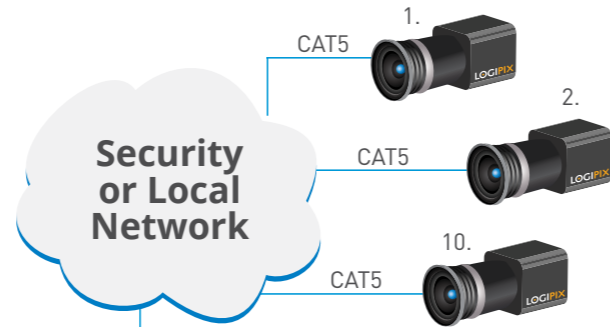
City Surveillance

- 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

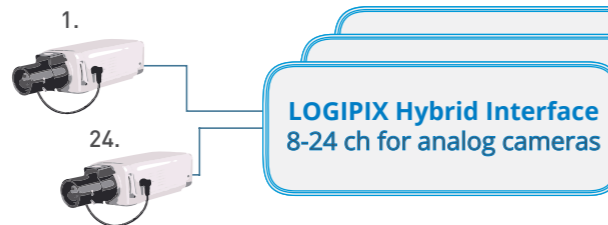
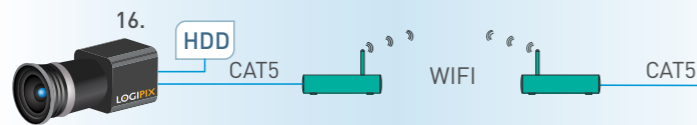
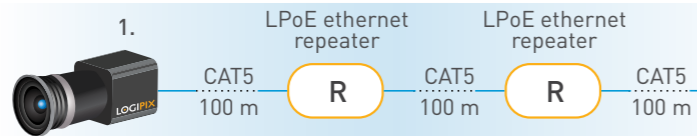
UNDER THE HOOD



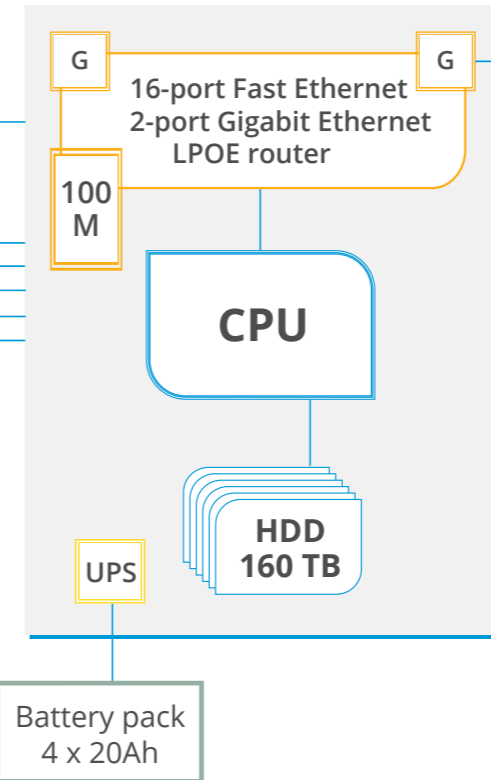
LOGIPIX CAMERAS



CAMERAS



LOGIPIX NETWORK VIDEO RECORDER



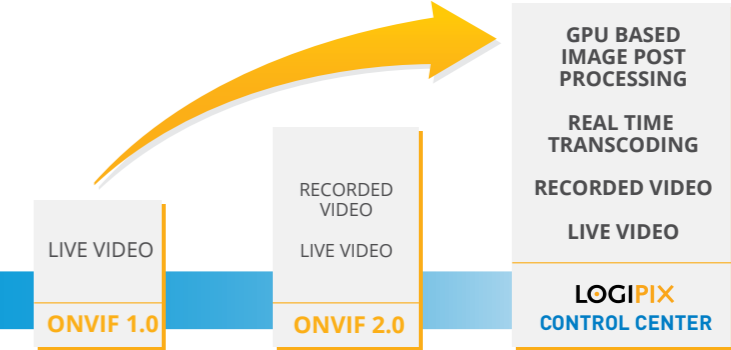
LOGIPIX CONTROL CENTER



VMS ONVIF 1.0

VMS ONVIF 2.0

FEATURES





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

VIDEO SYSTEM FEATURES

Logipix Cameras

- Entry level 2 MP camera series
- 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





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

JPEG2000 compression for Multi-megapixel cameras

Stitched Panoramic Image

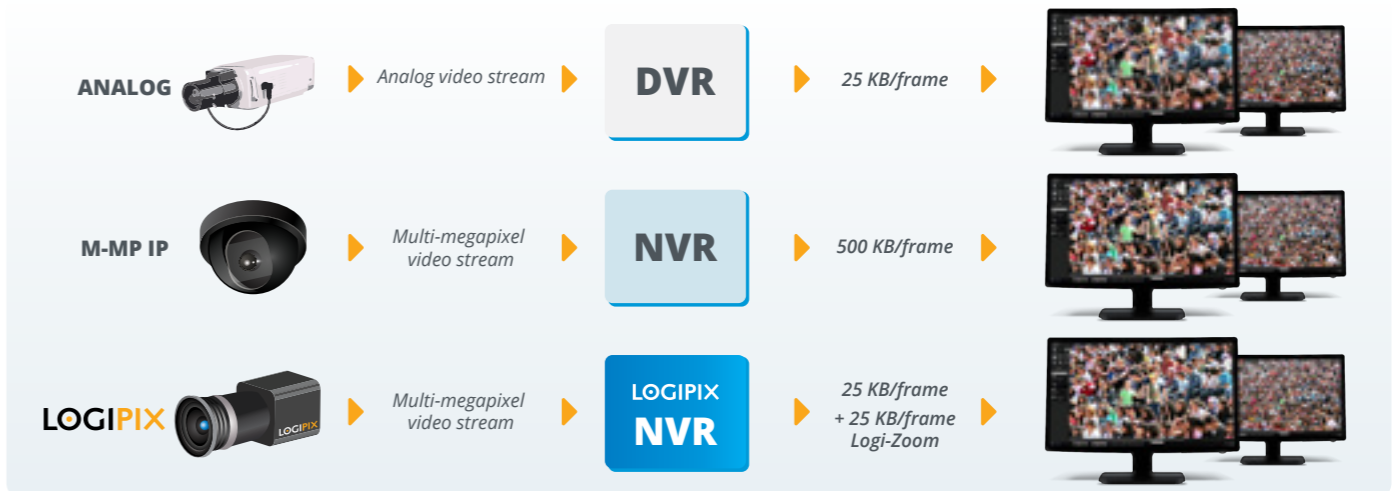
- Uniquely developed software function to stitch the individual camera pictures
- Real-time stitching
- Neither blind nor redundant areas
- All critical areas are monitored
- Movements can be tracked seamlessly
- View several high-resolution zoomed areas on a single panoramic image



Intelligent Picture Transmission with Logi-Zoom

Logi-Zoom is a unique recorder driven zoom function that delivers high quality images over even a low bandwidth network. It is an extremely cost effective function as it only sends the currently required picture area in

high resolution, with the rest of the image being sent in a lower, screen optimized resolution.





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™ 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



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