

LOGIPIX

LOGIPIX HARDWARE DEVICES



THE LOGIPIX 15 DAY/NIGHT ABF SATA

ICR function for Day/Night switching
4608 x 3288 pixels, JPEG2000 compression
LPoE Powering over Ethernet
Auto Back Focus function
Local 1 Tbyte SATA HDD

THE LOGIPIX 15 ABF DOME FOR OUTDOOR USE

ICR function for Day/Night switching
4608 x 3288 pixels,
JPEG2000 compression
Heating and cooling powered by LPoE
Auto Back Focus function
IP 65 metal housing



THE LOGIPIX PTZ CAMERA

Full HD resolution
30x optical zoom
Precise position control for touch oriented applications
PTZ cameras can be controlled on the displayed image



THE LOGIPIX 150 MEGAPIXEL PANORAMIC CAMERAS

Integrated 10 Logipix 15 megapixel cameras
Panoramic images in 360° – 180° – 60° field of view
Multi-zoom function on the panoramic image
Images are taken at the same time no redundant or hidden objects on the merged image

THE LOGIPIX NVR

Up to 20 hot-swap SATA HDDs
Up to 80 TByte storage capacity
VRM Fail-safe File system
1600 MBit/sec recording speed
Built-in managed 16+2 port LPoE Router

Built-in managed UPS, backup time 3 to 9 hours
OLED screen for displaying LNVR status information
Intelligent picture transmission
Industrial design



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APPLICATIONS

STADIUM VIDEO SURVEILLANCE

Individually installed fixed 15 Megapixel Logipix cameras
Stitched multi-megapixel panoramic images in 240 megapixel resolution
Face recognition at every seat
Full HD PTZ cameras for tracking smaller areas in more details
PTZ cameras can be controlled on the panoramic image or on the stadium layout displayed on the touchscreen



CITY SURVEILLANCE

High resolution fixed cameras to replace traditional PTZ cameras
Full HD Logipix PTZ
Detecting traffic rule violations
Detecting public property damage
Detecting abandoned objects

SURVEILLANCE OF SMALL INDUSTRIAL SITES

Up to 5000 sites can be organized on multi-level map
15 Megapixel cameras with 1 TByte local storage
Integrated Intruder Alarm functions
Integrated Access Control function
Centralized alarm and video management
Operation over GSM network



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MULTI-MEGAPIXEL VIDEO SURVEILLANCE SYSTEM



The Logipix Multi-megapixel surveillance camera family

in 15-150 megapixel resolution

The fastest industrial NVR

at 80 TByte capacity to preserve all details

Intelligent Video Content Analysis

to decrease the workload of the operators

Open system architecture

Interfacing third-party elements based on ONVIF standard

THE VIDEO SYSTEM AND ITS FEATURES

HIGH QUALITY VIDEO SURVEILLANCE

- 15 – 150 Megapixel images
- JPEG2000 image compression
- Designed to also work over low bandwidth network

THE LOGIPIX CAMERA FAMILY

- 15 Megapixel fixed cameras
- 150 Megapixel Panoramic cameras – 360° / 180° / 60° field of view
- Logipix Full HD PTZ cameras
- Real Day-Night function
- SATA connection for 1 TByte local storage
- Auto-Back Focus module for remote focusing

HIGH PERFORMANCE RECORDING

- 16/32 Logipix cameras – 15 Megapixel / 5 FPS
- Built-in high capacity RAID – 80 Tbyte / 1600 Mbit/sec
- Built-in high performance managed UPS / 1kWh
- Built-in managed LPoE router supplies the cameras over CAT5
- Managed VLAN – cameras are isolated from company network
- Industrial design – 7/24 operation

AN OPEN SYSTEM

- Connecting existing analog cameras through the Logipix Hybrid Extender
- Use third-party ONVIF cameras with Logipix NVR and Control Center
- Use third-party VMS to manage Logipix subsystem
- Live and archived images available with ONVIF 2.0

VERSATILE CONTROL CENTER

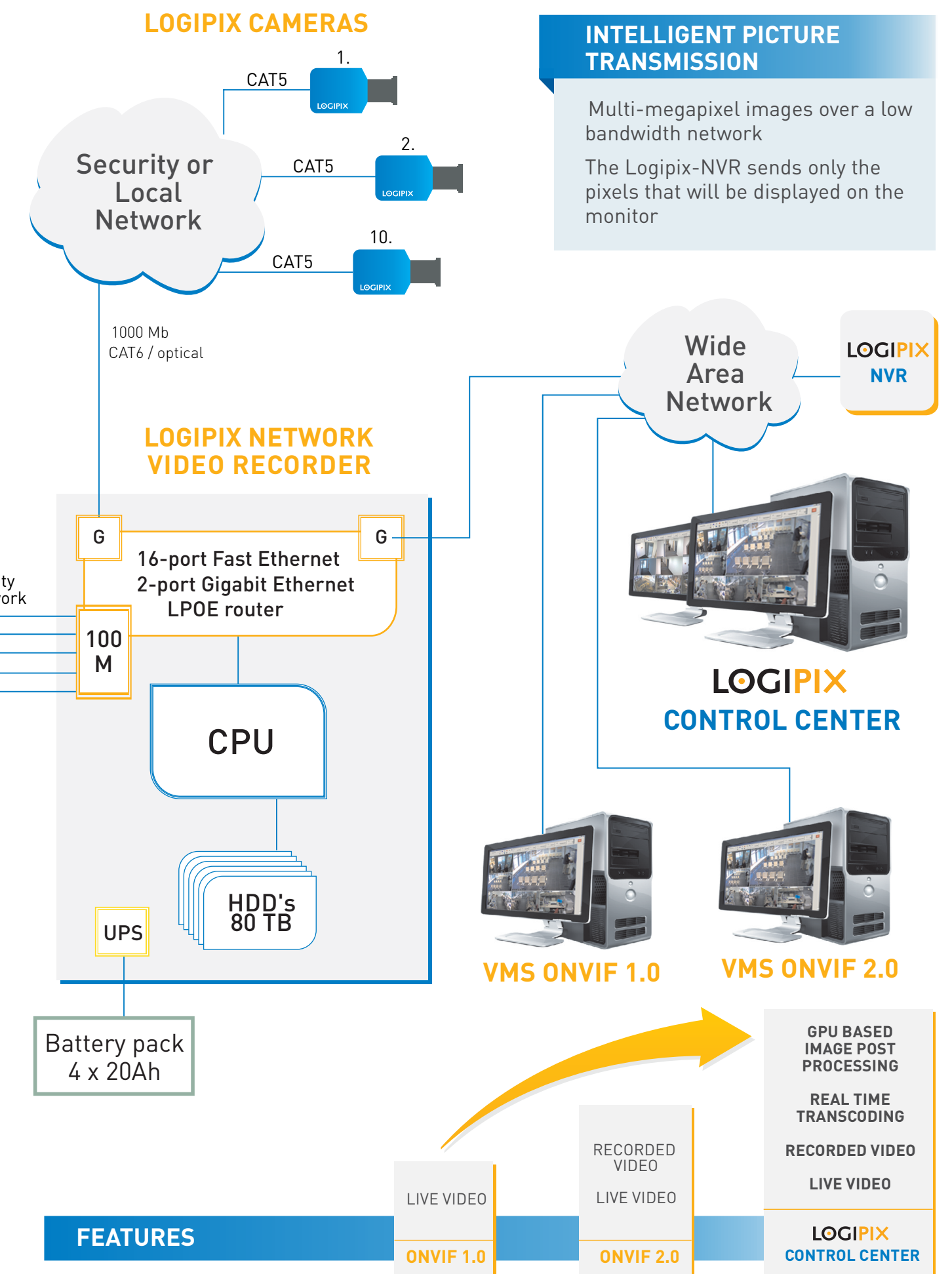
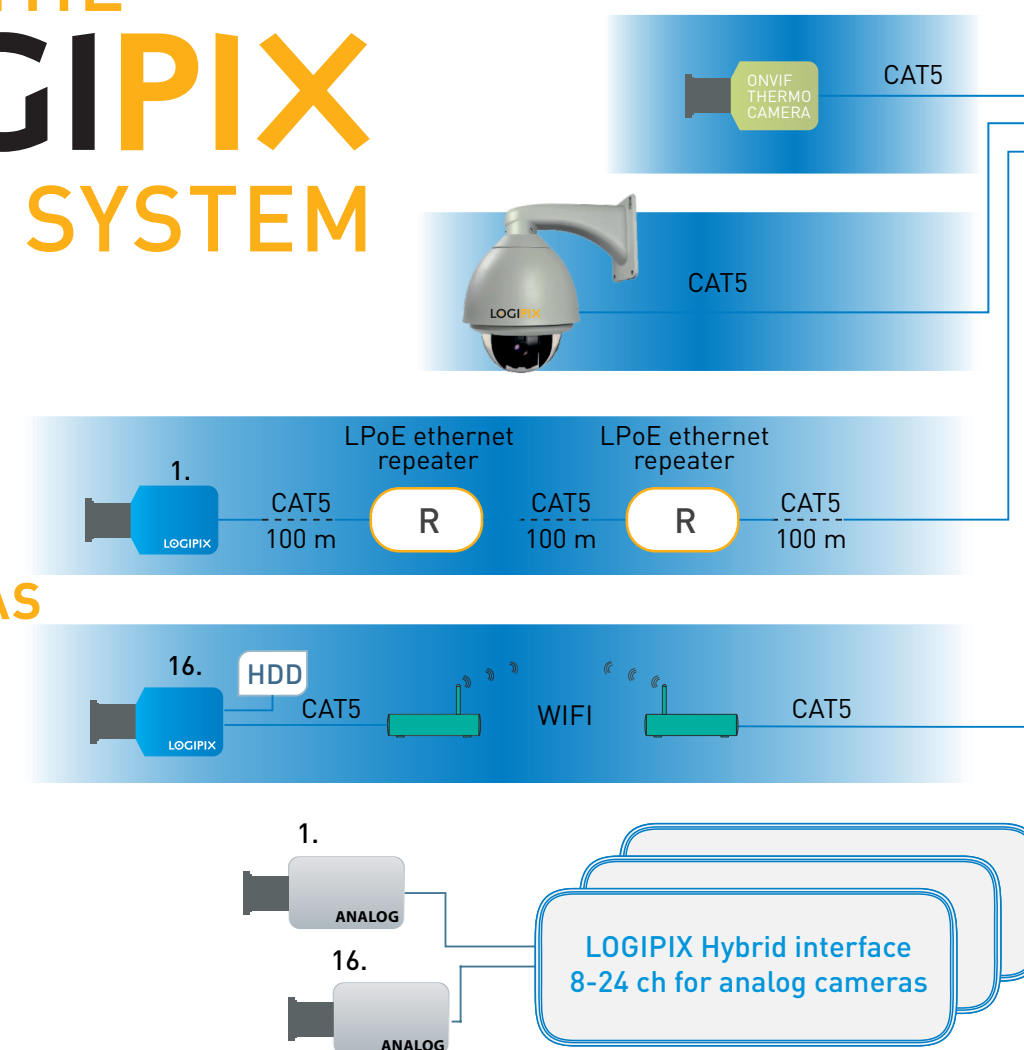
- Specially developed to handle 15 megapixel images
- Monitoring up to 1000 megapixel images on single screen at the same time
- Video proxy for reducing the required bandwidth
- Touchscreen oriented user interface

EASY TO USE SEARCH FUNCTIONS

- Thumbnails on the Timeline
- Activity Diagram
- Synchronized multi-camera playback

THE LOGIPIX VIDEO SYSTEM

CAMERAS



INTELLIGENT PICTURE TRANSMISSION

- Multi-megapixel images over a low bandwidth network
- The Logipix-NVR sends only the pixels that will be displayed on the monitor