

NVR Gfin-Xsystem

Flexibility and Reliability Security Surveillance

Gfin
System Integration Solution

IBM
Business Partner

DATASHEET

FLEXIBILITY APPLIANCE

Gfin-XSystem integrated Gfin Network Video Recorder and IBM System X is comprehensive. IP video management software designed for small and medium and large-scale multi-server, multi-site Installations. Easy-to use clients provide intuitive, fully-featured operator viewing and control of an unlimited number of connected cameras, servers, users and devices.

SYSTEM RELIABILITY

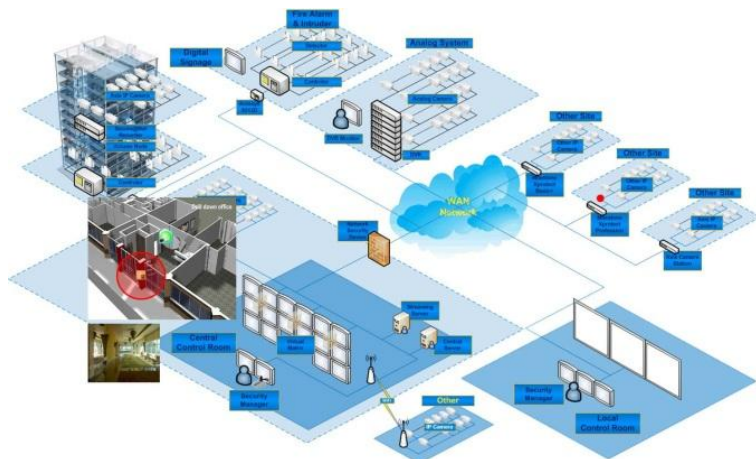
Gfin Software is development base on Milestone software of open platform IP video surveillance and the IBM System are world's leading hardware provider. The XProtect is designed with open architecture that allows for integration with the widest choice of network video and computer hardware. The XProtect products interface with more than 900 IP cameras, encoders and select DVRs form over 80 different manufacturers.

KEY BENEFITS

- ✓ Input / Output Event Control: Via cameras or network I/O device for event control, manual output control and event alert display via maps.
- ✓ System configuration wizards: Guides the user through the process of adding cameras, configuring video and recording, adjustment of motion detection and user configuration.
- ✓ Independent Playback: Instant and independent playback function allows you to independently Playback recorded video for one.
- ✓ Alerting: Notify users and central monitoring on event such as motion detection, recorder and camera failure input active.

SCALE UP NETWORKING

- ✓ Multi-server video surveillance solution: Unlimited scale up recording server.
- ✓ Optimize Record Storage Management: Unique data storage and archiving solution that combines performance and scalability and cost efficient long-term video storage.
- ✓ Live view: From access clients support up to 144 cameras simultaneously.
- ✓ ONVIF and PSIA compliant.
- ✓ PTZ Control: Manual control, presets and joystick control.



NGX-31M416



Gfin-XSystem

16 Channel

Automated device discovery, enables fast discovery of camera devices using methods such as Universal Plug And Play, Broadcast and IP Range scanning.

Connectivity to camera and video encoders supports MJPEG, MPEG4, MPEG4 ASP, H.264 and MxPEG. Auto-detect camera models during setup.

Recording speed 30+ frames per second per camera, limited only by hardware.

Recording quality depends entirely on camera and video encoder capabilities no software limitation.

Recording on motion (support motion sensitivity setting), event and time schedule depend on camera.

Support Pre/Post alarm recording.

Support digital zoom function for live and playback images.

Simultaneous digital multi-channel video.

Unlimited installed cameras with simultaneous live view.

Search for recordings base on camera, event, date and time.

Export single images in JPEG format and AVI format and write to external storage.

Multi-level interactive maps.

Unlimited number of floor plans.

Support JPEG map file importing.

Object-click interactive cameras and output control.

Map overview of operational status and event / alarm form Axis network cameras, video encoders and network I/O device.

Automatic popup cameras and map location on event.

Users authorize control access to Camera device, Live view, PTZ, Output control and map.

Gfin-X_{System} RECORDER SYSTEM

Specifications	Gfin-X _{System} 16 Channel
IBM Product Model	System x3100 M4 TOWER/RACK
NVR Software Versions	5.5.5 Last Updated
IP Camera License Installed	16

HARDWARE

Central Processing Unit (CPU)	Intel Core i3, 3.0 GHz
Number of CPU Default / Max	1/1
Random access memory (RAM) / Max	4 GB / +32 GB
Internal Storage - Default Installed / Maximum	500GB / +9TB
External Storage Extension	Yes (Options)
Expansion slots	4 PCIe
RAID Support	RAID -0, -1; Option -10,-5,-6
Operating System	Windows Server 2008 R2 Foundation
Camera resolution	Up to 10 megapixel, Depending on camera model
Camera compression	H.264, MPEG4, MJPEG, MxPEG, Depending on camera model
Recording performance	Around 400fps at 720p
Network interface card (NIC)	2 x 10/100/1000 Mbps
Power Supply	1 x 350 Watts
Remote Management	IMM with 1x10/100Mbps
Keyboard	Yes
Mouse	Yes
VGA Out	Yes
Warranty	3 years 24 x 7 ,4 Hrs

KEY FEATURES

Max. number of Cameras per Recording Server	16
Video export formats	JPEG, AVI, AVI password protection
Third party application integration	Option : CMS Base License
Third party application integration via TCP/IP Server	Option : CMS Base License
Third party application integration via SMTP Server	Option : CMS Base License
Third party Support to DVR (Digital Video Recorder)	Option : DVR Base License
Third party Support to Network I/O Module	Included 4 I/O License
Third party Support for video analytics	Option : CMS Base License
Alarm manager	Yes
Map function	Yes
Network TV-Wall Control	Option : Virtual Matrix License
Recording Server Failover	Option + System

OVERVIEW FEATURES

Live View 30+ FPS	Yes
Mobile Supported (Android, IOS)	Yes
Browser Supported	Yes
Device Control (PTZ)	Yes
Recording and Playback	Yes
PTZ Patrolling and Scanning/Transition speed	Yes
Display views as floating window and on multiple monitor	Yes

NVR System

MJPEG Supported	Yes
MPEG+4 Supported	Yes
MxPEG Supported	Yes
H.264 Supported	Yes
Support for ONVIF™ Compliant Devices	Yes
Support for PSIA Compliant Devices	Yes
Multi-streaming for differentiated live and recording streams	MJPEG Only
Built-in Video Motion Detection (VMD)	Yes
VMD Exclusion Zones	Yes

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For more Information

To learn more about the Gfin-X_{System} solutions, visit: www.twoway.co.th or contact your marketing representative or Business Partner.

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