

FOCUS16

Focus 16 Channel 16PoE Network Video Recorder

- H.265 / H.264 codec decoding
- Max 200Mbps incoming bandwidth
- Up to 8MP resolution preview & playback
- HDMI / VGA simultaneous video output
- Supports IPC UPnP
- 16 PoE ports
- Supports ANR technology to enhance the storage reliability



galileo's Focus 16 is a leader in it's field for support 4K imagery. It supports smart H.265 decoding, saving up to 70% HDD space and storage. Additionally, the NVR features a mouse shortcut operation menu, remote management and control, centre storage, edge storage and back up storage.

Designed as a cost effective, easy installation, this NVR is ideal for a wide range of applications such as home safety, grocery, warehouse, education and financial institutions.

The Focus 16 is compatible with numerous third party devices making it the perfect solution for surveillance systems with or without a video management system (VMS). Its open architecture supports multi-user access and is compatible with ONVIF 2.4, enabling interoperability when combined with IP cameras.

4K RESOLUTION

The AspectPRO NVRs support 4K ultra HD resolution (3840 x 2160) for recording, live viewing and playback.

INTELLIGENT VIDEO SYSTEM (OPTIONAL)

Working with built-in intelligent video analytics IP cameras, the NVR has the ability to detect and analyze moving objects for improved video surveillance. The NVR provides optional standard intelligence at the edge allowing detection of multiple object behaviors such as abandoned or missing objects. IVS also supports Tripwire analytics, allowing the camera to detect when a pre-determined line has been crossed, People Counting, ideal for business intelligence, and Face Detection, for searching or identification of individuals.

PLUG & PLAY

With the Smart Add function, the installation of the IP system is as easy as an analogue system. All units with PoE ports are effectively plug and play allowing for a quick and cost effective installation.

ANR (AUTOMATIC NETWORK REPLENISHMENT TECHNOLOGY)

Video recorded on an SD card in an IP camera when the network is lost can be recovered and transferred to the NVR when the network is restored, minimising potential footage loss.

MOBILE APP

You can monitor the system anytime and anywhere with iOS and Android applications. All you need is a stable internet connected network for the NVR to connect to.

ORDERING INFORMATION

Model #	Order #	Description
FOCUS16	E49711	Focus 16Ch 16PoE Network Video Recorder

TECHNICAL SPECIFICATIONS
SYSTEM

Main Processor Quad-core embedded processor
 Operating System Embedded LINUX

AUDIO AND VIDEO

IP Camera Input 16 Channel
 Two-way Talk 1 Channel Input, 1 Channel Output, RCA

DISPLAY

Interface 1 HDMI, 1 VGA
 Resolution 3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768

Multi-screen Display 1/4/8/9/16
 OSD Camera Title, Time, Camera lock, Motion Detection, Recording

RECORDING

Compression H.265 / H.264
 Resolution 8Mp/6Mp/5Mp/4Mp/3Mp/1080P/720P /D1/etc

Record Rate 200Mbps
 Bit Rate 16kbps ~ 20Mbps per channel
 Record Mode Manual, Schedule (Regular/Continuous), Motion Detection, Stop
 Record Interval 1~120min (default: 60min)
 Pre-record: 1~30sec
 Post record: 10~300sec

VIDEO DETECTION/ALARM

Trigger Events Recording, PTZ, Tour, Video Push, Snapshot, and Screen Tips
 Video Detection Motion Detection, MD Zones: 396 (22x18) and Tampering
 Alarm Input 4 Channel, Terminal Interface
 Relay Output 2 Channel, NO/NC Programmable, Terminal Interface

PLAYBACK & BACKUP

Sync Playback 1/4/8/16
 Search Mode Time/Date, MD and Exact Search
 Playback Function Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
 Backup Mode USB Device / Network

THIRD PARTY SUPPORT

Third Party Support galileo, Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, and more.

NETWORK

Interface 1 RJ-45 port (10/100Mbps)
 Ethernet Port 1 Independent 1000Mbps Ethernet Port

PoE 16 ports (IEEE802.3at/af)
 Network Function HTTP, TCP/IP, IPv4/IPv6, RTSP, UDP, NTP, DHCP, DNS, IP Filter, DDNS, IP Search (galileo IP cameras)

Optical Fiber Interface N/A
 Max. User Access 128 users
 Smart Phone iOS, Android
 Interoperability ONVIF 2.4, CGI Conformant

STORAGE

Internal HDD 2 SATA III Ports (up to 6TB each)
 HDD Mode Single
 eSATA N/A

AUXILIARY INTERFACE

USB 2 ports (1 USB 2.0, 1 USB 3.0)
 RS232 N/A
 RS485 N/A

ELECTRICAL

Power Supply AC100V ~ 240V, 50 ~ 60 Hz
 Power Consumption NVR: <13.2W (without HDD)
 PoE: Max 25.5W per port, total: 130W

ENVIRONMENTAL

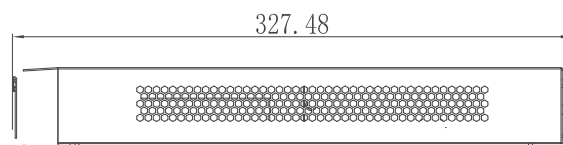
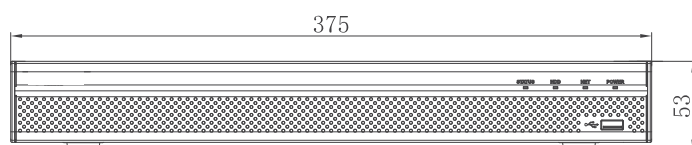
Operating Conditions -10°C ~ +55°C, 86 ~ 106kpa
 Storage Conditions -20° C ~ +70° C / Less than 90% RH

CONSTRUCTION

Dimensions 1U, 375mm x 327.5mm x 53mm
 Net Weight 2.7kg (without HDD)
 Gross Weight 4.4kg (without HDD)

CERTIFICATIONS

CE EN55032, E55024, E50130-4, EN60950-1
 FCC Part 15 Subpart B, ANSI C63.4-2014

DIMENSIONS (MM)


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