

ASPECT8

Aspect 8 Channel 8PoE Network Video Recorder

- H.264+ / H.264 codec decoding
- Max 80Mbps incoming bandwidth
- Up to 6MP resolution preview & playback
- HDMI / VGA simultaneous video output
- Supports IPC UPnP
- 8 PoE ports
- 3D intelligent position with galileo PTZ cameras



galileo's Aspect 8 is one of the network video recorders which have the most reasonable price and best quality for IP video surveillance applications. The Aspect series NVR provides up to 6MP resolution. It supports smart H.264+ 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 Aspect 8 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.

SMART H.264+

Deliver high quality video without straining the network, Smart H.264+ is the optimised implementation of H.264. The Smart H.264+ encoding technology includes a scene adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction, providing saving of up to 70% of bandwidth and storage when compared with standard H.264.

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
ASPECT8	E49709	Aspect 8Ch 8PoE Network Video Recorder

TECHNICAL SPECIFICATIONS

SYSTEM

Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX

AUDIO AND VIDEO

IP Camera Input	8 Channel
Two-way Talk	1 Channel Input, 1 Channel Output, RCA

DISPLAY

Interface	1 HDMI, 1 VGA
Resolution	1920x1080, 1280x1024, 1280x720, 1024x768
Multi-screen Display	1/4/8/9
OSD	Camera Title, Time, Camera lock, Motion Detection, Recording

RECORDING

Compression	H.264+ / H.264
Resolution	6Mp/5Mp/4Mp/3Mp/1080P/720P/etc.
Record Rate	80Mbps
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	N/A
Relay Output	N/A

PLAYBACK & BACKUP

Sync Playback	1/4/8
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, Dynacolour, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, and more.
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NETWORK

Interface	1RJ-45 port (10/100Mbps)
Ethernet Port	1 Independent 100Mbps Ethernet Port
PoE	8 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	1 SATA III Port (up to 6TB each)
HDD Mode	Single
eSATA	N/A

AUXILIARY INTERFACE

USB	2 ports (2 Rear USB 2.0)
RS232	N/A
RS485	N/A

ELECTRICAL

Power Supply	Single, DC48V/2A
Power Consumption	<4.5W (without HDD)

ENVIRONMENTAL

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

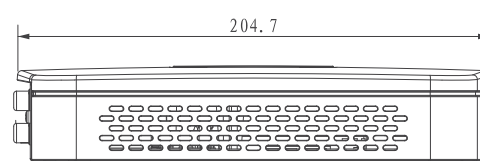
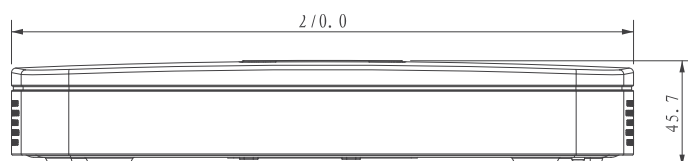
CONSTRUCTION

Dimensions	270mm x 204.7mm x 45.7mm
Net Weight	0.65kg (without HDD)
Gross Weight	1.8kg (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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