

VERSATILITY EFFICIENT PERFORMANCE

Network Video Recorder

EX40

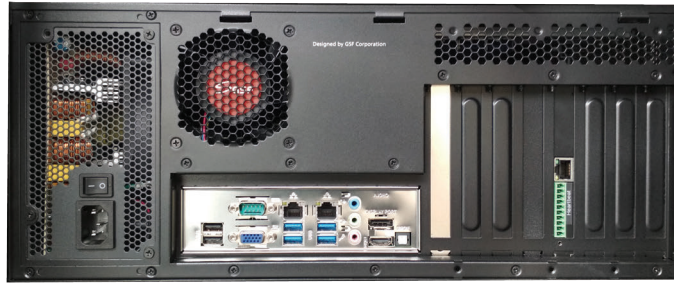


ECA-EX40 is the most configurable platform ever ~ Professional Recorder, with built-in redundancy. Ideal for medium to large scale facilities. The EX series allows you to start small, and then grow your system to include up to 400Mbps VMS Workloads. It is also highly configurable to your specific needs and feature network redundancies to help ensure video feeds are never lost.

- Ultimate processing technology for up to 400Mbps VMS workloads
- Automatic network fail-over feature to ensure uninterrupted recording operations
- Up to 100 Terabytes (TB) of video storage with 10 hot swap HDD bays
- Configurable to Redundant Storage System (RSS), in dual parity mode, allow for dual disk failures before any data is lost.
- Automatic daily hard disk drive health check, disk guard and recording activity for potential CCTV no recording monitoring
- Comes with 3 years next business day warranty*.
Optional TrueBlue Care support Pack..

EX40

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Storage

Dedicated Video Storage (Internal)

Ten (10) hot swap HDDs bay for dedicated video storage support
10units x 3.5inch SATA HDDs
One internal dedicated SSD for OS use only.

Redundant Storage System (RSS*)

3 HDDs above support to single-parity or
7 HDDs above support to dual-parity
* Powered by Microsoft® Storage Space Technology

Display

Triple Monitor Output Supported

VGA/HDMI/DP
Max resolution 4096x2304@60Hz (DP)
Max resolution 4096x2160@24Hz (HDMI 1.4)
Max resolution 1920x1200 (VGA)

Live Display Performance

(for Server Client Configuration)
Up to 48CH 25FPS each CH in sub stream CIF resolution
Note: Performance may very depend on IP cameras integration efficiency and type of VMS use.

Electrical & Dimension

Power Consumption

Line Voltage : 110 / 240V AC (auto select)
Frequency : 50-60Hz, single phase
Power Outputs rated : 600W (max), 80 Plus Certified
Continuous power consumption: ~140W*
* Platform only, not inclusive dedicated video storage HDDs.
Please refer HDDs datasheet.

Size & Weight

Depth : 465mm
Width : 430mm
Height : 176mm
Weight : 19kg / with packaging : 24kg
Form Factor: 4U Rack Mount

Service & Warranty

3* years extended hardware warranty
3* years carry-in next business day parts replacement
3# years next business day on site parts replacement

* with optional TrueBlue™ Care Support Pack or
TrueBlue™ Care Premium. (Default system warranty is 1 year only)
Purchase the TrueBlue™ Care Pack to extend your warranty to three years or TrueBlue™ Care Premium for "machine failed" onsite support from your purchase date.

Carry-in support centre at TrueBlue CC
@ IOI Boulevard, Puchong, Selangor D.E. Malaysia

Hardware Platform (ECA 4)

Networking & Audio

Redundant Fail-over. Dual LAN (RJ45 connector)
10/100/1000 Base-T Gigabit Ethernet
Audio line out jack, 3.5mm (Green) /HDMI/DP
Digital Audio Support

Heartbeat

IOT connected micro controller for system auto healing and monitoring. Digital I/O. connectable to CMS Alarm.
12-hour self sustain with built-in lithium polymer battery.

Processor & Memory

Intel Xeon E3 Quad-core 8 threads processor
8GB / 16GB / 32GB ECC system memory, 2666MHz DDR4

Security Key

2048-bit RSA encryption.
Paired uniquely for each machine.
For system authentication, save settings and system recovery

Software Built-in (ECAOS 5)

Operating System (OS)

Triple Layer eca-OS version 5. 64bits OS architecture.
OS core engine powered by Microsoft® Windows 10 Enterprise.

System Monitoring Software

Guardian software watchdog for NVR, which monitors application and general system health.

Video Management Software or 3rd Party Software

Any software that support to Window 10 x64bits
(*Contact us for other supported software)

Intelligent Software Sensors

Smart Logic, video content monitoring sensors, with automatic daily hard disk drive health check, disk guard, disk activity monitoring for potential CCTV no recording activity, and network traffic in/out activity monitoring.