

**Engineered Computer Appliance**

DX Series

Affordable yet powerful network recorder

Professional and robust system that's ideal for small to medium scale businesses.



When you need professional, enterprise-level features on a system that is affordable, the DX Series is the way to go. Designed with superior storage capability on a flexible hybrid platform, the security of your operations will be well taken care of.

- Powerful recording and live display technology
- Hybrid system that can capture a combination of both analogue and high definition (HD) IP feeds
- Supports 16 channel analogue capture card
- Up to 30 days of continuous video storage
- Supports up to 5 hot-swap dedicated video storage hard disks
- Automatic daily hard disk drive health check, disk guard and recording activity for potential CCTV no recording monitoring.

Storage	Dedicated Video Storage Five hot swap HDDs bay for dedicated video storage support five 3.5-inch SATA HDDs. One internal SSD for OS use only.	Video storage configurations 720HD@32CH, 30days: 16TB (4TBx 4unit) 1080HD@16CH, 30days: 16TB (4TB x 4unit) D1 Analog@16CH, 30days: 4TB (4TB x 1 unit) Max dedicated video storage: 20TB (4TB x 5unit)
Display	Triple monitor output supported DVI* / HDMI / DP Max resolution 4096x2304 (4k, HDMI/DP) Max resolution 1920x1200 (DVI*) *Supports DVI to VGA Conversion	Live Display Performance (for HDCCTV) 1080HD 16CH (2.86Mbps) 12FPS each CH 720HD 16CH (1.43Mbps) 24FPS each CH 720HD 32CH (1.43Mbps) 07FPS each CH D1 Analog 16CH (1.44Mbps) 25FPS each CH NOTE: Performance may very depend on video surveillance software.
Hardware Platform (ECA 3.5)	Networking Single LAN (RJ45 connector) 10/100/1000Base-T Gigabit Ethernet	Processor, memory, audio Intel i5 Quad-core 4 threads processor 4GB system memory, 1600MHz DDR3 Audio line out jack, 3.5mm (Green)
	Heartbeat Programmable micro controller for system auto healing and monitoring. Digital I/O. connectable to CMS Alarm. 12-hour self sustain with in-built lithium polymer battery.	Security Key 128-bit Blowfish encryption algorithms. Paired uniquely for each machine. For system authentication, save settings and system recovery
Software Built-in (ECA3.5)	Operating system (OS) Triple Layer ECA-OS version 4.2. 64bits OS architecture. OS core engine powered by Microsoft ® Windows Embedded 7.	Video surveillance software Supported VMS: Axxon Next, LuxRiot, NUUO, Exacq Vision, MileStone, Vivotek, Axis, Geovision, AverMedia, HikVision. (*Contact us for other supported software)
	System monitoring software Guardian software watchdog for NVR, which monitors application and general system health.	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.
Electrical & Dimension	Power consumption Line voltage: 240V AC Frequency: 50Hz, single phase Power outputs: 450W (max) Continuous power consumption: 220W	Size & weight Depth: 465mm Width: 430mm Height: 176mm Approx. Weight: 23kg Form factor: 4U rack mount 
Service & Warranty	3* years international phone support 3* years extended hardware warranty 3* years carry-in next business day parts replacement * with optional TrueBlue™ Care Support Pack (Default system warranty is with 1 year only) Purchase the TrueBlue™ Support Pack to extend your warranty to three years and TrueBlue™ Professional for “machine failed” onsite support from your purchase date.	
Models & Configurations	NNN-DXAADDMM-PPTBSSH Example: NUI-DX1604SC-15TB05HS NUUO NVR Software, DX Series, 16CH analog, 04CH IPCCTV, configured in server client mode, and 15TB HDDs with 5 hot swap bay	NNN : video surveillance software code AA : no of channel for analog inputs from dvr card DD : no of channel for IP based CCTV license MM : mode. (SC) server client with live display. (SM) server mode for video processing only without live display. PP : factory pre-built video storage HDDs (xxTB)

ECA design and built by: **GSF Corporation**

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Learn more about the entire ECA series: www.gsf.com.my

