



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.

<b>Storage</b>	<b>Dedicated Video Storage</b>  Five hot swap HDDs bay for dedicated video storage support five 3.5-inch SATA HDDs.  One internal SSD for OS use only.	<b>Video storage configurations</b>  720HD@32CH, 30days: 16TB (4TBx 4unit) 1080HD@16CH, 30days: 16TB (4TB x 4unit) D1 Analog@16CH, 30days: 4TB (4TB x 1unit)  Max dedicated video storage: 20TB (4TB x 5unit)
<b>Display</b>	<b>Triple monitor output supported</b>  DVI* / HDMI / DP Max resolution 4096x2304 (4k, HDMI/DP) Max resolution 1920x1200 (DVI*) *Supports DVI to VGA Conversion	<b>Live Display Performance (for HDCCTV)</b>  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.
<b>Hardware Platform (ECA 3.5)</b>	<b>Networking</b>  Single LAN (RJ45 connector) 10/100/1000Base-T Gigabit Ethernet  <b>Heartbeat</b>  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.	<b>Processor, memory, audio</b>  Intel i5 Quad-core 4 threads processor 4GB system memory, 1600MHz DDR3 Audio line out jack, 3.5mm (Green)  <b>Security Key</b>  128-bit Blowfish encryption algorithms. Paired uniquely for each machine. For system authentication, save settings and system recovery
<b>Software Built-in (ECA3.5)</b>	<b>Operating system (OS)</b>  Triple Layer ECA-OS version 4.2. 64bits OS architecture. OS core engine powered by Microsoft ® Windows Embedded 7.  <b>System monitoring software</b>  Guardian software watchdog for NVR, which monitors application and general system health.	<b>Video surveillance software</b>  Supported VMS: Axxon Next, LuxRiot, NUUO, Exacq Vision, MileStone, Vivotek, Axis, Geovision, AverMedia, HikVision. (*Contact us for other supported software)  <b>Intelligent software sensors</b>  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.
<b>Electrical &amp; Dimension</b>	<b>Power consumption</b>  Line voltage: 240V AC Frequency: 50Hz, single phase Power outputs: 450W (max) Continuous power consumption: 220W	<b>Size &amp; weight</b>  Depth: 465mm Width: 430mm Height: 176mm  Approx. Weight: 23kg Form factor: 4U rack mount 
<b>Service &amp; Warranty</b>	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.	
<b>Models &amp; Configurations</b>	<b>NNN-DXAADDMM-PPTBSSH B</b>  Example: NUI-DX16045C-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)

