



Engineered Computer Appliance

VMS

Enterprise-class live display system

High performance display technology in a small. And lightweight package

Effective surveillance is only as good as the system that manages all the live video feeds. VMS combines superior processing ability with small form-factor engineering to deliver outstanding display performance. The system goes further to allow efficient management and real-time analysis of surveillance systems.

- Centralised processing /management for thousands of video feeds with quick, intuitive operation.
- Instant call-up of specific video feeds for maximum efficiency and minimum response time.
- Fast access to backed-up videos and real-time alerts from system sensors.
- Triple monitor outputs. Extended viewing coverage
- Two mode of configurations. A commonly design centralised operation control room usual with 2 major front end operation machine which is. Video Management Station (VMS) and Video Matric Client (VMC).

DX Series VMS



MX Series VMS





MX Series VMS



DX Series VMS

Display

* Both MX and DX

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 32CH (2.86Mbps) 07FPS each CH
 1080HD 24CH (2.86Mbps) 12FPS each CH
 720HD 64CH (1.43Mbps) 07FPS each CH
 720HD 32CH (1.43Mbps) 12FPS each CH
 720HD 16CH (1.43Mbps) 24FPS each CH

NOTE: Performance may very depend on video surveillance software

Storage**Dedicated Video Backup Storage (MX Series)**

Four hot swap HDDs bay for dedicated video storage support four 3.5-inch SATA HDDs.

One internal SSD for OS use only.

Dedicated Video Backup Storage (DX Series)

Five hot swap HDDs bay for dedicated video storage support five 3.5-inch SATA HDDs.

One internal SSD for OS use only.

Hardware**Platform (ECA 3.5)**

* Both MX and DX

Networking

Single LAN (RJ45 connector)
 10/100/1000Base-T Gigabit Ethernet

Processor, memory, audio

Intel E3 Quad-core 8 threads processor
 8GB 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)**

* Both MX and DX

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 (MX)**

Line voltage: 240V AC, 50Hz, single phase
 Power outputs: 300W (max) ; 120W (rms)

Size & weight (MX)

Depth: 335mm Width: 200mm Height: 270mm
 Approx. Weight: 13kg Form Factor: Desktop

Power consumption (DX)

Line voltage: 240V AC, 50Hz, single phase
 Power outputs: 550W (max) ; 220W (rms)

Size & weight (DX)

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-MX3VMSSC-PPTB04HB (MX)**

NNN : video surveillance software code
 PP : factory pre-built video storage HDDs (xxTB)

NNN-DX3VMSSC-PPTB05HB (DX)

NNN : video surveillance software code
 PP : factory pre-built video storage HDDs (xxTB)