

# DNA7500 HD / IP Video Digital Matrix Switcher 320ch @ 1080p



## DESCRIPTION

The DNA7500 Series is a LINUX OS based Enterprise IP Matrix Video Platform and Network Video Encoding/Decoding (NVR) Appliance System with up to 320ch inputs @D1 or 80ch @1080p; 1500ch outputs @D1 320ch @1080p; 80ch @4K. Compatible with H.265/H.264/MJPEG HD/IP Cameras, 20 simultaneous users may access, view and control system. Features include Intel Quad core CPU, 10 input and 10 output Video Cards for composite and HD/SDI, or IP; Intelligent Video Detection, 4x4 Videowall Interface, Electronic Mapping, Audio, 4xRS-232, RS-485 Data, 3 USB(2.0), 1 USB(3.0), 6x10/100/1000Mbps RJ-45 ports and ONVIF. With dual 100-240VAC input PSU, the Series DNA7500 Video Matrix Platform and NVR Management are advanced solutions for commercial, industrial, Analog, HD-SDI and IP enterprise video surveillance installations.



## FEATURES

- \* 19" x 4U HD-SDI, IP Video Matrix Platform
- \* Quad Core Microprocessor and LINUX OS
- \* 10 Input Encoder/10 output Decoder Cards
- \* H.264 Encoding/ H.265 Decoding; 1080p
- \* 80-ch @1080p, 320-ch @D1 Encoding
- \* 80-ch @ 4K resolution Decoding
- \* 320-ch @1080p; 1500-ch @D1 Decoding
- \* 4-ch HD-SDI Input; 6-ch /HDMI Output
- \* Supports SD/HD Video Matrix Switching via Network Keyboard or Client PC
- \* 16-ch Video Analytics Input Card
- \* Supports Intelligent Video Detection as: Trip-wire Detection, Region Intrusion, Perimeter Protection, Abandoned Object, Missing Object Detection, Face Detection, Scene Change, Camera Tamper Alarm
- \* Supports 4x4 Splicing/Merge/Zoom/Overlay
- \* Remote Setup, Upgrade, Reboot via Network
- \* Integrated, Multi-layered Facility Maps
- \* Advanced Search and Playback functions
- \* 4xRS-232 PC controls; RS-485 PTZ controls
- \* Network functions: HTTP, TCP/IP, UDP, RTSP
- \* 6x10/100/1000Mbps RJ-45 Ethernet Ports Two in Mainframe; 4 in Control Board
- \* 1(3.0), 3(2.0) USB Ports (external backup)
- \* Dual PSU, 100-120VAC, 200-240VAC
- \* Compliance with CE, FCC and ROHS

## APPLICATIONS

- \* Homeland Security
- \* Correctional Centers
- \* Petrochemical Industry
- \* Corporate and Banking
- \* Casinos and Hospitality
- \* Health Care Centers
- \* Schools and Universities
- \* Government and Military
- \* Power Generating Plants
- \* Traffic Surveillance (ITS)



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## ORDERING INFORMATION

DNA7500-2 19" Mainframe Switcher Bay with Control Board and 2 PSU 100-120/200-240VAC

### Input Cards

DA75132DIC 4-ch DVI card, H.264/MPEG4 Video Encode @ 1080p resolution  
 DA75108SIC 8-ch HD-SDI BNC card, H.264/MPEG4 Video Encode @ 1080p resolution

### Output Cards

DA75238HOC 32-ch @1080p, HDMI Card, H.265 Video Decode, up to 12MP @15fps, 8MP @30fps

Intelligent Detection System	Supports multi-channel video analytics
Supported Analytics	Trip-wire Detection, Region Intrusion Detection, Perimeter Protection, Abandoned Object Detection, Missing Object Detection, Illegal Parking, Fast moving Vehicles

## Video Wall Software Features

Videowall Decoding	Up to 4x4 1080p Resolution LCD Panels with splicing
Featured	Supports Digital Zoom in/out
Input Source	HD/SD, Digital/Analog - Supports Hybrid input
Output Port	HDMI/DVI/VGA/BNC
Control Mode	PC client-end / Network Keyboard

## Optional Accessories

DNA6336-1 Keyboard/Controller, 3D Joystick, RS-232, RS-485, TCP-IP Network Interface RJ-45 Ports, 12VDC  
 DNA6340-1 Keyboard/Controller, embedded Microprocessor, LINUX OS; 4D Joystick control, supports Videowall Display, HD 1080p live view, touch screen LCD (10.3"), HDMI, VGA ports, RS-232, RS-485, 10/100/1000Mbps Network Interface RJ-45 Ports, 12VDC

