

DNA4000 IP 4K Video Linux OS NVR Appliance 16 HDD, 2 or 6 x HDMI 64 and 128 Inputs



DESCRIPTION

The DNA4000 Series is a LINUX OS based, Enterprise IP Management and Network Video Recording (NVR) Appliance System with 64, 128 IP Camera inputs and 12MP view/record resolution. Compatible with ONVIF compliant H.265/H.264/MJPEG MP IP Cameras including Thermal and Explosive; 128 users may access, view system. Features include Quad Core CPU, 2 or 6xHDMI ports, 16 HDD, Raid 0/1/5/6/10, Audio in/out, 16 Alarms in/8 Relays out, RS-232, RS-485 Data, Electronic Mapping, 4 USB, 1 eSATA, 1 Mini SAS port, 4x1000Mbps RJ-45 load balancing ports, Motion Detection, Analytics (IVS) Tracking. With outstanding performance/cost benefits ratio, N+M hot standby, NVR Management Server, Client, Web, Smart Phone Interface Software and ONVIF compliance, the DNA4000 Series are advanced solutions for commercial and industrial, IP video surveillance installations.



FEATURES

- * Enterprise IP NVR Appliance with Software User friendly GUI; Failover hot Standby N+M
- * High Performance Quad Core Microprocessor
- * H.265/H.264/MJPEG Decoding, 8MP Display
- * 64/128 IP Camera inputs; 12MP Resolution
- * 2 x HDMI+VGA; 4xHDMI expander as option
- * 16 HDD Card Slots; Raid 0/1/5/6/10
- * Links trigger of tripwire in Fixed Cam to PTZ
- * Recording Modes including Manual, Alarm, Schedule, Motion Detection, Video Loss
- * 384Mbps Max Bandwidth/Recording
- * 128 access Users with multi assigned rights
- * Integrated, Multi-layered Facility Maps
- * Advanced Search and Playback functions
- * RS-232 (Keyboard); RS-485 PTZ Controls
- * 4x1000Mbps RJ-45 Ports - Load balancing
- * Audio in/out; 4 USB, 1 eSATA; 1 mini SAS
- * 16 Alarms In/8 Out; Redundant PS (opt.)
- * Smart Phone: iPhone and Android
- * Compliance with CE, FCC, ROHS, ONVIF

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)

ORDERING INFORMATION

DNA4000-64XY NVR Appliance 64 IP 4K Video inputs; Audio, Alarms, 2xHDMI, 4x1000Mbps RJ-45
 DNA4000-128XY NVR Appliance 128 IP 4K Video inputs, Audio, Alarms, 2xHDMI, 4x1000Mbps RJ-45

Mechanical, Electrical Specifications

Dimension (WxDxH): 450mmx530mmx133mm
 19"x21"x5.25" (3U)
 Weight w/HDD: 40 lbs. (18 Kg) - no HDD
 Power Supply: 100-240VAC, 50/60Hz, 50W (no HDD)

Available Options

X=7" LCD Monitor
 Y=Redundant Power Supplies
 DNA-EXP=4xHDMI Expansion Card
 DNA-SAS=External Storage Expansion



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Linux OS NVR Appliance
16 HDD, 2 or 6 x HDMI
64 and 128 Inputs**



FEATURES OF NVR AND CLIENT SOFTWARE

- * Multi-Screen, Friendly, Graphic User Interface (GUI) Client software for up to 128 Users
- * Manage multiple Digital Video Recorders, Network Video Recorders and Devices
- * Features Status and Health Report log files of Devices
- * Connects to ONVIF compatible Network Camera Brands 12MP, 8MP, 5MP, 4MP, 3MP, 2MP; IP Encoders
- * Supports Smart Phone and Appliances: iPhone, iPad and Android
- * Features Management, Configuration, Reboot, Failover hot Standby M+N
- * Supports Administrator login rights for configuration and maintenance; Multiple Users with Passwords and Multiple user control modes with assigned rights such as live view only, or live and recorded view; PTZ controls
- * Features Video display Split as: first screen up to 36ch; second screen up to 16ch
- * Device management such as add or delete, bidirectional talk, video monitoring project, layout configuration
- * Supports configuration of PTZ, bidirectional talk, camera settings, color adjustments
- * PTZ controls with Direction, Pan, Tilt, Zoom, Focus, Iris, Presets, Tours, and Patterns; Object Tracking via Presets of PTZ and linkage of fixed camera to tracking by PTZ from Alarm or Tripwire (IVS) Trigger
- * Supports Live Monitoring from Snapshot and Local Record; Pre-Alarm Recording function
- * Supports Video Search and Playback from Local PC, DVRs, NVRs, or Storage Devices
- * Supports Video overlay as Camera Title, Time and Video Loss
- * Supports multiple scheduled methods to realize auto PC guard
- * Supports Recording 384Mbps; playback 128Mbps in Raid5 mode; Digital Zoom of Recorded Video;
- * Supports Camera Blank based on Time of Day, Alarms, Auto Notification, Scheduled Action
- * Connects to Decoders for Video wall and Virtual Matrix Displays
- * Supports various types of Alarms including External, 396 Motion Detection Zones, Video Loss, Camera Masking, based on Time of Day, Date with Auto Notification and Scheduled action
- * Features Warning Sound or Message from Alarms
- * Features exporting the Alarm information to peripheral Devices for Extended Uses
- * Supports e-map for End User to view all device locations with CMS
- * Features unlimited number of Map Groups and 64 sub-map Layouts with JPEG and BMP with CMS

ENVIRONMENT

- * Client CPU requirement - 2.4GHz or higher; Memory 8GB or higher; Video Memory 2GB; WIN8, WIN10
- * Resolution Display 3840 x 1260 and lower (1920x1080 - 1080p)

