

# DNA3800 IP 4K Video Linux OS NVR Appliance 8 HDD; 2 x HDMI 64 and 128 Inputs



## DESCRIPTION

The DNA3800 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 and view system. Features include Quad Core CPU, VGA, 2 x HDMI ports, 8 HDD, Raid 0/1/5/10, Audio in/out, 16 Alarms in/8 Relays out, RS-232, RS-485 Data, Electronic Mapping, 4 USB, 1 eSATA, 2 x 1000Mbps RJ-45 ports, Motion Detection, Auto Tracking, and Analytics (IVS). With outstanding performance/cost benefits ratio, N+M hot standby, NVR Management Server, Client, Web, Smart Phone Interface Software and ONVIF compliance, the DNA3800 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 (up to 3840x2160). VGA Ports
- \* 8 HDD Card Slots; Raid 0/1/5/10
- \* Links trigger of tripwire in Fixed Cam to PTZ
- \* Recording Modes including Manual, Alarm, Schedule, Motion Detection, Video Loss
- \* Max Record 384 Mbps; 4K(4000x3000)
- \* 128 access Users with multi assigned rights
- \* Integrated, Multi-layered Facility Maps
- \* Advanced Search and Playback functions
- \* Supports IVS Camera Analytics functions
- \* RS-232 (Keyboard); RS-485 PTZ Controls
- \* 2x1000Mbps RJ-45 Ports - Load balancing
- \* Audio in/out; 4 USB, 1 eSATA USB Ports
- \* 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

DNA3800-64 NVR Appliance 64 IP 4K Video inputs; Audio, Alarms, 2xHDMI, 2x1000Mbps RJ-45  
 DNA3800-128 NVR Appliance 128 IP 4K Video inputs, Audio, Alarms, 2xHDMI, 2x1000Mbps RJ-45  
 DNA3800-64R NVR Appliance 64 IP 4K Video and Redundant Power Supplies

## Mechanical, Electrical Specifications

Dimension (H x W X D): 90mmx485mmx460mm 3.5" (2U) x 17.3" x 18" (19" w/rackmount ears)  
 Weight not including HDD: Net 20.5 lbs. (9 Kg) - no HDD  
 Power Supply: 100-240VAC, 50/60Hz, 20W - no HDD



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## 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 Auto 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; 36ch 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)

