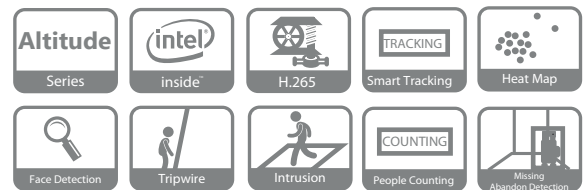


ALTITUDE64N

Altitude 64 Channel Network Video Recorder

- Intel Processor
- Max 64 IP Camera Inputs
- Max 384Mbps Incoming Bandwidth
- Up to 12MP Resolution for Preview and Playback
- Supports RAID 0/1/5/6/10
- Smart Tracking and Intelligent Video



galileo's Altitude 64N network video recorder offers unparalleled recording technology for IP video surveillance applications. For applications where details are critical for identification, this enterprise level NVR provides a powerful intel processor with up to 4k resolution. Additionally, the NVR features a mouse shortcut operation menu, remote management and control, centre storage, edge storage and backup storage.

Designed as a low cost, easy installation, this NVR is ideal for a wide range of applications such as public safety, transportation, storage, education and financial institutions. This NVR is compatible with numerous third-party devices making it the perfect solution for surveillance systems with or without video management systems (VMS). Its open architecture supports multi-user access and is compatible with ONVIF 2.4, enabling interoperability when combined with 4K cameras.

4K RESOLUTION

The Altitude NVRs support 4K ultra HD resolution (3840 x 2160) for recording, live viewing and playback.

RAID 0/1/5/6/10

Offering a balance between storage performance, storage capacity, and data integrity, the NVR features Fruitfull RAID 0/1/5/6/10 for faster and safer recording.

FISHEYE DEWARPING

The NVR features multiple fisheye dewarping modes t make viewing video easy whether its live or during playback.

N+M HOT STANDBY

The highly reliable redundancy N+M Hot Standby design provides a secure, failover technique ensuring immediate backup. In the event of a system failure, the slave instantly takes over the master ensuring no data is lost.

INTELLIGENT VIDEO SYSTEM

Working with built-in intelligent video analytics IP cameras, the NVR has the ability to detect and analyze moving objects for improved video surveillance. The NVR provides optional standard intelligence at the edge allowing detection of multiple object behaviors such as abandoned or missing objects. IVS also supports Tripwire analytics, allowing the camera to detect when a pre-determined line has been crossed, People Counting, ideal for business intelligence, and Face Detection, for searching or identification of individuals.

ANR (AUTOMATIC NETWORK REPLENISHMENT TECHNOLOGY)

Video recorded on an SD card in an IP camera when the network is lost can be recovered and transferred to the NVR when the network is restored, minimising potential footage loss.

HEAT MAP

The NVR's Heat Map option highlights the areas with the highest concentration of people. This information can then be exported into a customised report to assist in business or forensic analysis.

SMART TRACKING

The auto tracking PTZ feature automatically tacks a moving target throughout the cameras field of view. This function is ideal for following an object as it moves through airports, parking lots, city centres, or other applications.

ORDERING INFORMATION

Model #	Order #	Description
ALTITUDE64N	E49714	Altitude 64 Ch Network Video Recorder

TECHNICAL SPECIFICATIONS
SYSTEM

Main Processor Intel Quad-core processor
 Operating System Embedded LINUX

AUDIO AND VIDEO

IP Camera Input 64 Channel
 Two-way Talk 1 Channel Input, 1 Channel Output, RCA

DISPLAY

Interface 2 HDMI, 1 VGA
 Resolution 3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768
 Multi-screen Display 1st Screen: 1/4/8/9/16/25/36
 2nd Screen: 1/4/8/9/16
 OSD Camera Title, Time, Camera lock, Motion Detection, Recording

RECORDING

Compression H.265 / H.264
 Resolution 12Mp/8Mp/6Mp/5Mp/4Mp/3Mp/1080P /720P/D1/etc
 Record Rate 384Mbps
 Bit Rate 16kbps ~ 20Mbps per channel
 Record Mode Manual, Schedule (Regular/Continuous), Motion Detection, Holiday, Stop
 Record Interval 1~120min (default: 60min)
 Pre-record: 1~30sec
 Post record: 10~300sec

VIDEO DETECTION/ALARM

Trigger Events Recording, PTZ, Tour, Video Push, Snapshot, and Screen Tips
 Video Detection Motion Detection, MD Zones: 396 (22x18) and Tampering
 Alarm Input 16 Channel, Terminal Interface
 Relay Output 8 Channel, NO/NC Programmable, Terminal Interface
 Tracking Trigger Event Zoom, Track, Record, Preset, Alarm

PLAYBACK & BACKUP

Playback 128Mbps (Raid 5), 64Mbps (Single HDD)
 Search Mode Time/Date, MD and Exact Search
 Playback Function Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
 Backup Mode USB Device / Network / eSATA

THIRD PARTY SUPPORT

Third Party Support galileo, Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, and more.

NETWORK

Interface 2 RJ-45 ports (10/100/1000Mbps)
 PoE N/A
 Network Function HTTP, TCP/IP, IPv4/IPv6, RTSP, UDP, NTP, DHCP, DNS, IP Filter, DDNS, IP Search (galileo IP cameras)
 Optical Fiber Interface N/A
 Max. User Access 128 users
 Smart Phone iOS, Android
 Interoperability ONVIF 2.4, CGI Conformant

STORAGE

Internal HDD 8 SATA III Ports (up to 8TB each)
 HDD Mode Single, Raid 0/1/5/6/10
 eSATA 1 eSATA Port

AUXILIARY INTERFACE

Front Cover Support Hot-swap
 USB 4 ports (2 USB 2.0, 2 USB 3.0)
 RS232 1 port (for PC & Keyboard Comms)
 RS485 1 port (for PTZ control)

ELECTRICAL

Power Supply AC100V ~ 240V, 50 ~ 60 Hz
 Power Consumption <20W (without HDD)

ENVIRONMENTAL

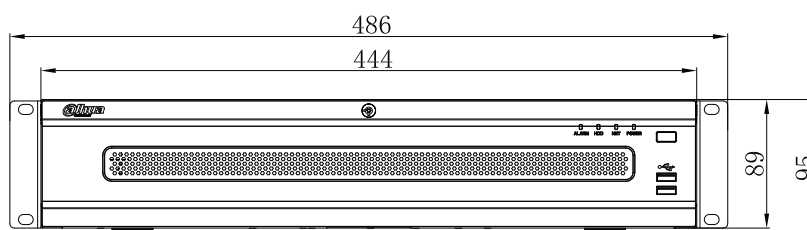
Operating Conditions -10°C ~ +55°C, 86 ~ 106kpa
 Storage Conditions -20°C ~ +70°C / Less than 90% RH

CONSTRUCTION

Dimensions 2U, 444mm x 457.08mm x 95mm
 Net Weight 9kg (without HDD)
 Gross Weight 10.5kg (without HDD)
 Installation Rack-mounted

CERTIFICATIONS

CE EN55032, E55024, E50130-4, EN60950-1
 FCC Part 15 Subpart B, ANSI C63.4-2014
 UL UL60950-1+CAN/CSA C22.2No.60950-1

DIMENSIONS (MM)


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