EW-N1032H4

eWit next generation 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, center storage, edge storage, and back up storage. Designed as a low-cost, easy installation, this NVR is ideal for a wide range of applications such as public safety, water conservancy, transportation, city centers, education, and financial institutions. The NVR is compatible with numerous third-party devices making it the perfect solution for surveillance systems with or without a video management system (VMS).

Super Series | intel inside | H.265 | TRACKING Smart Tracking | Face Detection | Heat Map | Tripwire

Key Features-

- ➢ Intel Processor
- ➢ Max 32 IP Camera Inputs with IVS Recording
- ➢ Max 256/160 Mbps Incoming/Outgoing Bandwidth
- ➢ Up to 12MP Resolution for Preview and Playback
- ➢ Expanded Storage Space
- ➢ Smart Tracking
- ➢ Intelligent Video System with Business Analytics (Two IP Channels)
- ➢ Dual-OS Design to Ensure High Reliability of System Running
- ➢ H.264+ Compression Effectively Reduces the Storage Space and Costs by up to 50%
- ➢ HDMI1/VGA1 and HDMI2/VGA2 Outputs Provided
- ➢ HDMI1 Video Output at up to 4K (3840×2160) Resolution
- ➢ Up to 4 SATA Interfaces for Recording and Backup

Specification

Feature	Details
Processor:	Industrial-Grade Embedded Processor
IP Camera Input:	32 Channel
Operating System:	Embedded LINUX
Two-way Talk:	1 channel Input, 1 channel Output, RCA
Audio:	2-Way Radio; Codec Support G-711U, G-711A, G726.
User Interface:	Web, Local GUI
Performance By Camera:	8 Channel
Performance By Face Detection:	4 Channels
AI Search by Camera:	8 Channel
Face Attributes:	Search for pictures by channel, time and event type

AI Search by Face Detection:	6 attributes: Gender; age group (6); glasses; expressions (8); mouth mask; beard
Video Output:	1 × VGA output, 1 × HDMI output, supports simultaneous video sources output for VGA and HDMI
Performance By Camera SMD:	12 Channel
AI Search by SDM Camera:	Search by target classification (human, vehicle)
Video Recording:	320Mbps
Video Display Split:	1/4/8/9/16/25/32
Third Party Camera Access:	ONVIF; RTSP
Network Bandwidth:	Throughput: 512Mbps, Uplink: 256Mbps, Downlink: 256Mbps
Recording Resolution:	12MP/8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Compression:	Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
OSD:	Camera Title, Time, Camera Lock, Motion Detection, Recording
Trigger Events:	Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Motion Detection:	MD Zones: 396(22×18)
Video Loss/Camera Blank:	Support
Alarm Input/Output:	In:2Ch/Out:1Ch
General Alarm:	Motion detection; privacy masking; video loss; local alarm; PIR alarm; IPC alarm
Anomaly Alarm:	Camera offline; storage error; disk full; IP conflict; MAC conflict; login lock; cyber security exception
Intelligent Alarm:	Face detection; face recognition; perimeter protection (intrusion and tripwire); IVS; SMD
Alarm Linkage:	Record; snapshot; buzzer; log; preset; email; tour
Smart Phone:	iPone, iPad, Android
Smart Phone:	iPhone, iPad, Android Phone
Hard Disk:	4 SATA III ports, up to 10TB Each, 1 eSATA Port
Array Type:	Hot Swappable HDD Interface with Raid0, Raid1, Raid5, Raid6, Raid10
Disk Group and Quota:	Support as per Video Channel
Bit Rate:	64Kbps ~ 10Mbps Per Channel
Decoding Capability:	1-channel: 12MP@30fps; 1-channel 8MP@30fps; 2-channel 5MP@30fps; 3-channel 4MP@30fps; 6-channel 1080p@30fps
Decoding Format:	H.265/H.265+/H.264/H.264+
Audio Compression:	PCM: G.711A; G.711U; G.726; AAC
RCA: IN/Out:	1/1
Recording Mode:	Manual, Schedule (Regular/ Continuous), Motion Detection, Line Crossing, Perimeter Intrusion

Intelligent Video:	Support Motion Detection, Camera Tempering Detection, Perimeter Intrusion Detection
Search Mode:	Time, Calendar, Channel Search, Event Search, (ANR, Regular Video, Motion Detection Video, Alarm Video, Intelligent
Sync Playback:	1/4/9/16/32
Encryption:	Support Encrypted Recording from IP Camera to NVR
Playback Function:	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Backup Selection, Digital Zoom
Playback Mode:	Instant Playback, Local Video, Local Image, External File Playback
Smart Features:	MD, Tripwire, Intrusion Detection, Video Loss, People Counting, Face Detection, Face Recognition, ANPR, AI
Backup Location:	Local, Network, IPSAN, NAS
Backup Mode:	Flash Drive, External USB Storage/Hard Disk, NAS.
Interface Ports:	3 USB Ports (2 Rear USB 3.0, 1 Front USB 2.0), 1 RS485, 1 RS232
Max User Access:	128 Users
Record Interval:	1~120 min (default: 60 min), Pre-record: 1~60 sec, post-record: 1~60 sec
Ethernet:	2 RJ-45 port (10/100M/1000Mbps) Independent or Joint Working
Protocols:	HTTP; HTTPS; TCP/IP; IPv4; IPv6; RTSP; UDP; NTP; DHCP; DNS; SMTP; UPnP; IP Filter; DDNS; Alarm Server; IP Search; RTSP; Auto Registration; ONVIF (profile T; profile S; profile G); CGI; SDK
Power Supply:	Single, AC100V ~ 240V, 50 ~ 60 Hz, 12VDC, 3.33A
Power Consumption:	<10W Without HDD
Operating Temperature:	0°C~55°C
Working Temp:	-10 ~+55°C / 10~90%RH / 86~106kpa
Operating Altitude:	3000M
Mounting:	2U Rack Mountable with Rack Mounting Bracket
Casing:	Metal
Certification:	ISO, CE, FCC, ROHS
Country of Origin:	India