

LTN8964-RN Platinum 89-Series 8K NVR

Key Features

- Up to 64 IP camera inputs
- Up to 4 ch @ 12 MP / 8 ch @ 8 MP / 16 ch @ 4 MP / 32 ch @ 1080p decoding capacities
- Up to 400 Mbps incoming bandwidth and 400 Mbps outgoing bandwidth
- 2 x HDMI (spot out) and 2 x VGA (spot out) interfaces, 8K or dual 4K video outputs
- Supports special cameras, including people counting, LPR, and fisheye
- Advanced streaming technology enables smooth live view in poor network conditions
- Supports RAID 0, 1, 5, 6, 10 and N+M hot spare for even more reliable data storage, effectively preventing data loss



Professional and Reliable

- H.265+ compression effectively reduces data storage requirements by up to 75%
- Dual-stream recording saves bandwidth
- Streams over TLS encryption technology which provides more secure transmission service
- Supports double verification for playback and downloading

HD Video Output

- Provides independent HDMI and VGA outputs
- HDMI video output at up to 8K or dual 4K resolution

Storage and Playback

- 8 x SATA interfaces for HDD connection (up to 14 TB capacity per HDD)
- 1 x eSATA interface for HDD connection
- 16-ch synchronous playback

Smart & POS Function

- Supports multiple VCA (Video Content Analytics) events
- Special camera smart functions are configurable, such as VCA detections, (motion, line crossing, intrusion, etc.), LPR, and people counting
- POS information overlay on live view and playback, and POS triggered recording and alarm

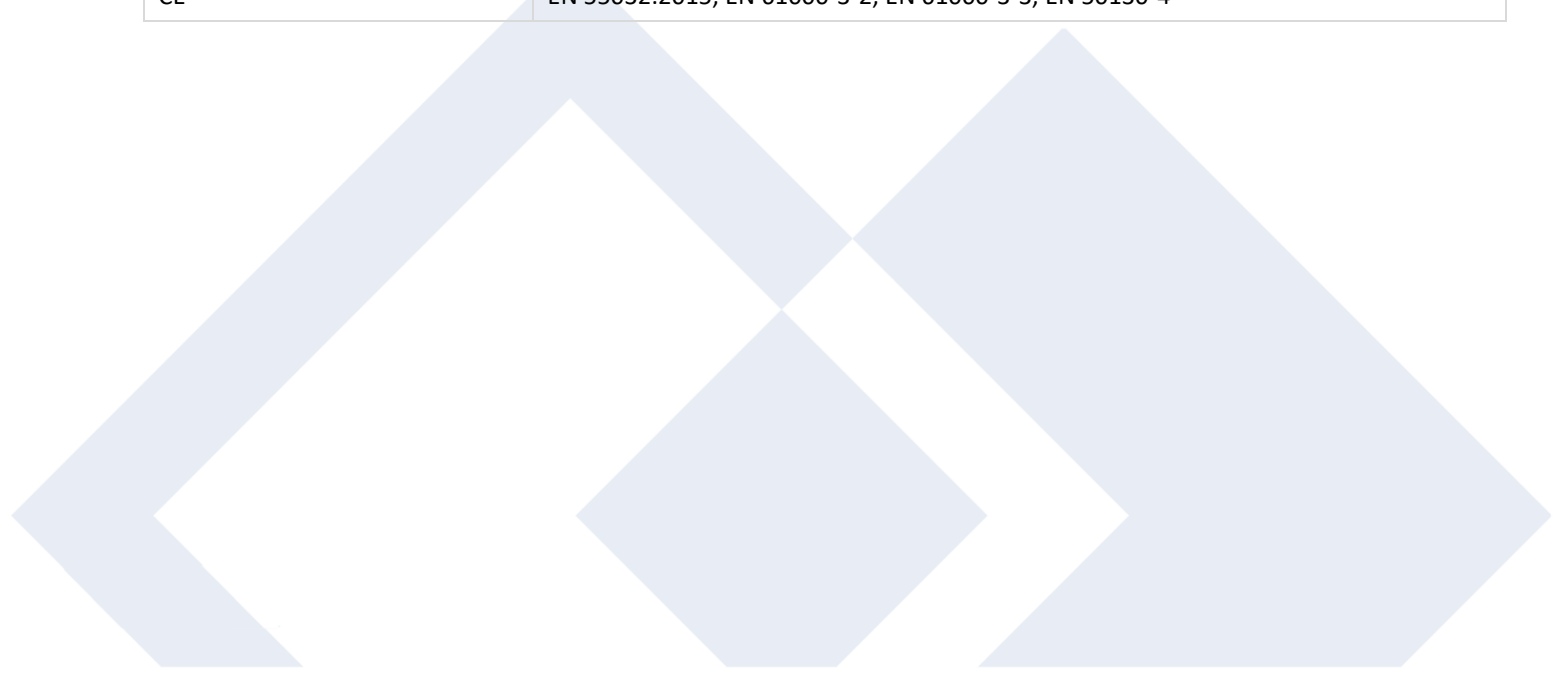
Network & Ethernet Access

- 2 x self-adaptive 10/100/1000 Mbps Ethernet interfaces
- LTS Connect & DDNS (Dynamic Domain Name System) for easy network management
- Smooth streaming technology
- Supports web access without plug-in

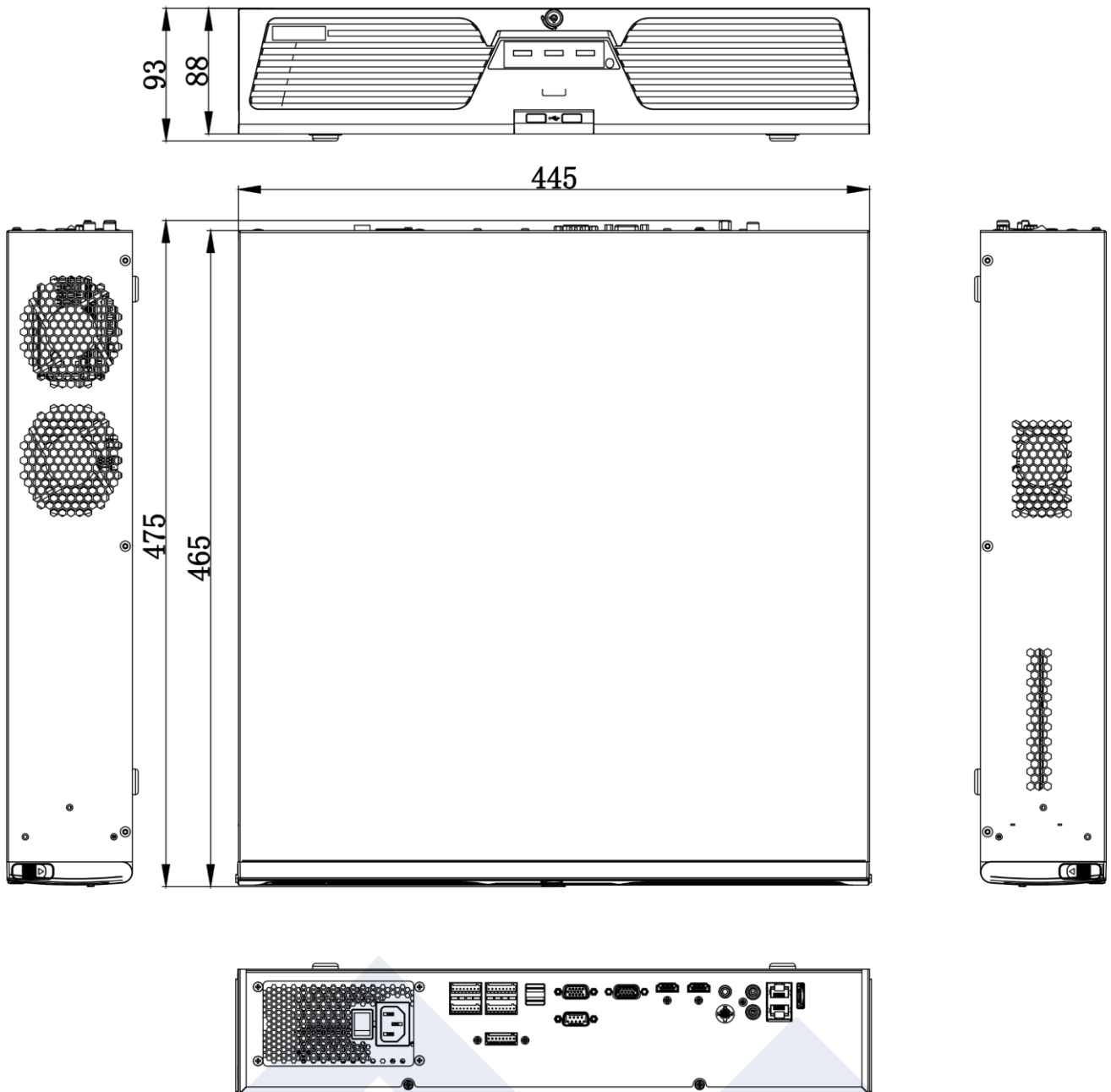
Specifications

Video and Audio	
IP Video Input	64 channels
Incoming Bandwidth	400 Mbps
Outgoing Bandwidth	400 Mbps
HDMI 1 Output	8K: 7680 × 4320 / 30 Hz 4K: 3840 × 2160 / 60 Hz, 3840 × 2160 / 30 Hz 2K: 2560 × 1440, 1920 × 1080, 1600 × 1200, 1280 × 1024, 1280 × 720, 1024 × 768 / 60 Hz
HDMI 2 Output	4K: 3840 × 2160 / 60 Hz, 3840 × 2160 / 30 Hz 2K: 2560 × 1440, 1920 × 1080, 1600 × 1200, 1280 × 1024, 1280 × 720, 1024 × 768 / 60 Hz Note: When HDMI 1 output resolution is 8K, the maximum HDMI 2 output resolution is 1080p.
VGA 1 Output	1920 × 1080, 1280 × 1024, 1280 × 720, 1024 × 768 / 60 Hz
VGA 2 Output	1920 × 1080, 1280 × 1024, 1280 × 720, 1024 × 768 / 60 Hz
Video Output Mode	HDMI 1 and VGA 1 provide simultaneous video output, and work as the main output; HDMI 2 and VGA 2 provide simultaneous video output, and work as the auxiliary output
CVBS Output	1 ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	2 ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1 ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)
Decoding	
Decoding Formats	H.265+ / H.265 / H.264+ / H.264
Recording Resolutions	3, 4, 5, 6, 7, 8, 12, 24, 32 MP / 1080p / UXGA / 720p
Synchronous playback	16-channel
Decoding Capability	2 ch @ 32 MP (30 fps) / 8 ch @ 8 MP (30 fps) / 16 ch @ 4 MP (30 fps) / 32 ch @ 1080p (30 fps)
Audio Compression	G.711 ulaw / G.711 alaw / G.722 / G.726 / AAC / MP2L2 / PCM
Network	
Network Protocols	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SMTP, SNMP, NFS, UPnP™, HTTP, HTTPS
Network Interface	2 x RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface

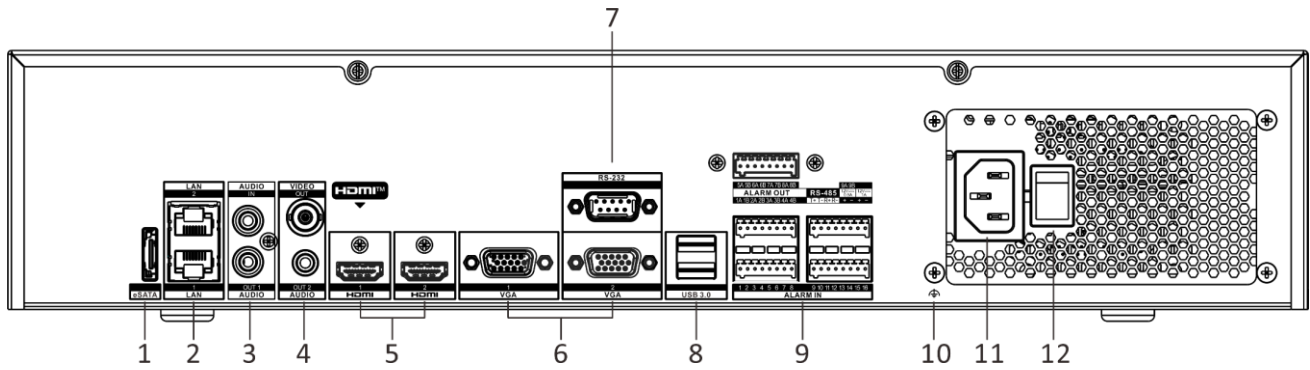
RAID	
RAID Type	RAID0, RAID1, RAID5, RAID6, RAID10
Auxiliary Interface	
Serial Interface	1 RS-485 (full-duplex), 1 RS-232
SATA	8 x SATA interfaces
eSATA	1 x eSATA interface
Capacity	Up to 14 TB capacity for each disk
Alarm In / Out	16 / 9
USB Interface	Front panel: 2 x USB 2.0; Rear panel: 2 x USB 3.0
Ctrl 12V	Controllable 12 VDC, 1 A power output for external alarm device; power will be turned on when the alarm output is triggered. Note: The Ctrl 12V power is controlled by alarm output 9.
12 VDC	12 VDC, 1 A power output
General	
Power Supply	100 to 240 VAC, 50 to 60 Hz
Consumption	≤ 50 W (without HDD)
Operating Temperature	14° to 131° F (-10° to 55° C)
Operating Humidity	10 to 90%
Chassis	2U chassis
Dimensions (W x D x H)	17.5 x 18.3 x 3.7 in. (445 x 465 x 93 mm)
Weight	≤ 22 lbs (10 kg)
Certifications	
Obtained Certification	CE, FCC
FCC	Part 15 Subpart B, ANSI C63.4-2014
CE	EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4



Dimensions (mm)



Physical Interface



No.	Description	No.	Description
1	eSATA interface	7	RS-232 Serial interface
2	LAN interfaces	8	USB 3.0 interfaces
3	Audio in and out	9	Alarm in, alarm out, RS-485 serial interface, Ctrl 12V and 12 VDC
4	Audio out and video out	10	GND
5	HDMI 1 and HDMI 2 interfaces	11	100 to 240 VAC power supply
6	VGA 1 and VGA 2 interfaces		

