



NVR RACK PRO

(OPTIONAL PoE)

PRODUCT INFO

PRODUCT NAME

NVR Intelligent Video Recorder

PRODUCT NUMBER

IIS-NVR64- 8HD (standard) || IIS-NVR64-8HD-P16 (PoE)

PRODUCT CATEGORY

NVR

PRODUCT PRICE

Contact us for a quote



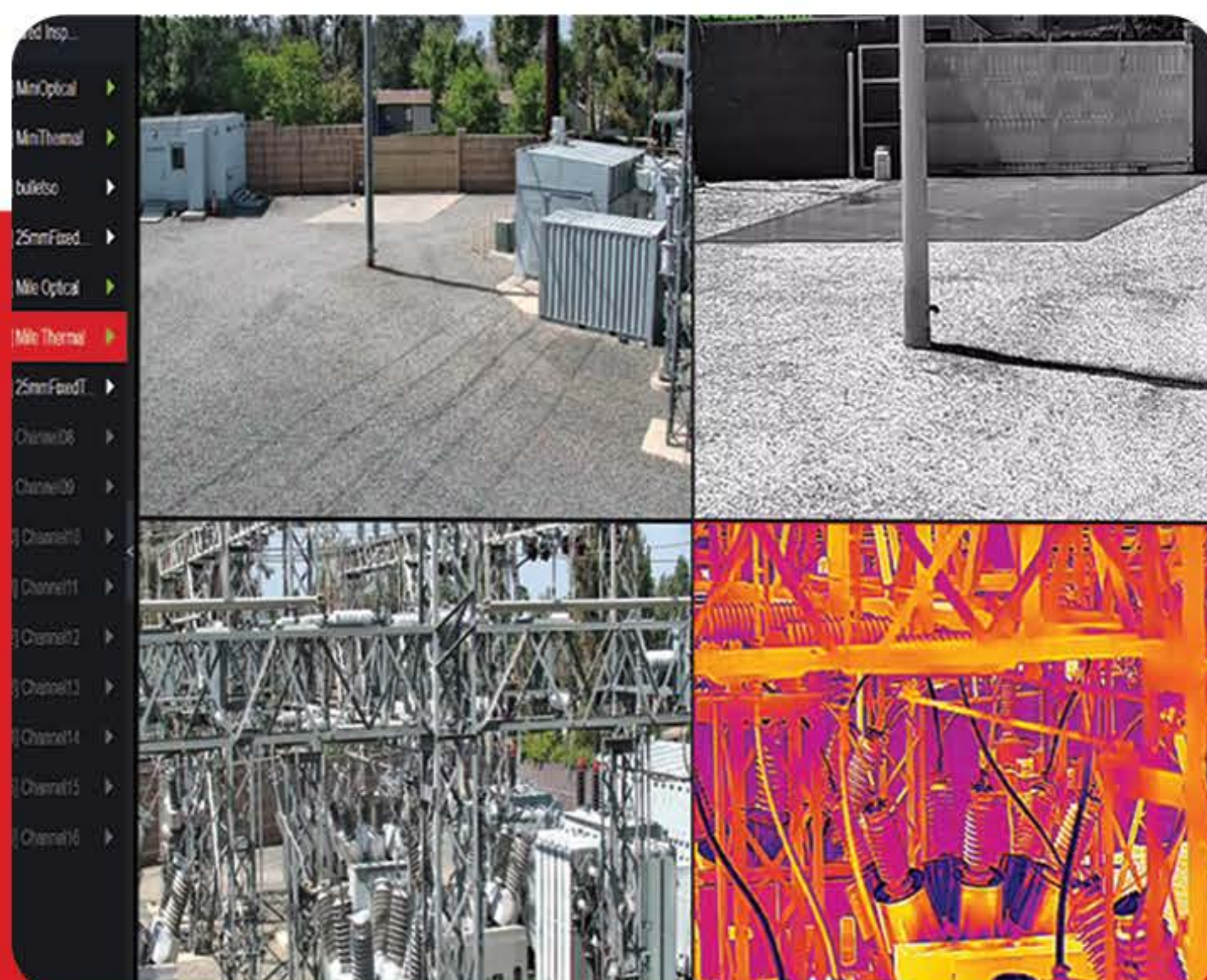
SMART RECORDING AND CAMERA MANAGEMENT IN ONE SCALABLE SYSTEM

The SYTIS NVR is a centralized solution for managing multi-camera thermal and optical monitoring systems. Purpose-built for performance and reliability, it provides secure long-term storage for recorded footage beyond the capacity of individual cameras—ideal for mission-critical environments requiring continuous data retention.

Equipped with built-in firmware, the NVR allows users to easily configure camera settings, calibrate thermal parameters and manage alarms from a single user interface. Designed for seamless integration with SYTIS cameras and InfraSpec™ software, the NVR streamlines deployment and enables efficient system management across complex networks.

KEY FEATURES

- Up to 64-ch IP camera access
- Up to 400 Mbps incoming/outgoing bandwidth
- Up to 1-ch@12MP/4-ch@8MP/8-ch@4MP/16-ch@1080P/32-ch@D1 (POE 64-ch@D1) decoding capacity
- Advanced machine learning including facial, vehicle and human recognition
- Thermal camera configuration including histogram and spreadsheet export
- Supports most ONVIF devices
- Up to 4-ch perimeter protection
- Support 2 HDMI and 1 VGA interface
- Support RAID 0/1/5/6/10, N+1 Swap and redundant power
- ***PoE only:** 2xRJ45 1000M network interface, Plug&Play with 16 PoE interface



CONTACT US

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TECHNICAL DATA SPECIFICATION

VIDEO INPUT

| | |
|--------------------|-------------|
| IP Camera Input | 64 Channels |
| Incoming Bandwidth | 400 Mbps |
| Outgoing Bandwidth | 400 Mbps |

VIDEO OUTPUT

| | |
|-------------------------|---|
| HDMI 1 Output | 3840x2160, 1920x1080, 1280x1024, 1024x768 |
| HDMI 2 Output | 1920x1080, 1280x1024, 1024x768 |
| VGA Output | 1920x1080, 1280x1024, 1024x768 |
| Different Source Output | Supported |
| Decoding Capacity | 1ch 12MP, 4ch 8MP, 16ch 1080P, 32ch D1, 64ch D1 |
| Dual Stream | Supported |
| Multi-screen Display | 1st screen: 1/4/8/9/16/32/36/64 2nd screen: 1/4/8/9/16 |

AI RECOGNITION

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|-----------------|--|
| Face Comparison | Real-time captured and display faces comparison results (registrant [name and ID], stranger, channel, similarity |
| Multi-objective | Real-time captured and display vehicle, human body, non-motor vehicle, license plate and face comparison results |
| Smart Search | Time, properties, pictures, license plate |
| Trigger Events | Motion detection, video loss, alarm in, IVS |

RECODING

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|----------------|---|
| Resolution | 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc. |
| Recording Mode | Manual, schedule (regular, continuous), event |
| Trigger Events | Buzzer, alarm push, alarm prompt, email, alarm out, compare the result simultaneously, etc. |

PLAYBACK AND BACKUP

| | |
|---------------|---------------------------------------|
| Sync Playback | 16/9/4/1 |
| Search Mode | Time/date, alarm, picture grid, event |
| Backup Mode | USB Device, network, eSATA |

ALARM

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|----------------------------------|--|
| General Alarm | Motion detection, video loss, alarm in, alarm out |
| Intelligent Analysis (by camera) | Smoke and fire detection, fire spot detection, intrusion, single-line crossing, double-line crossing, loitering, wrong-way, illegal parking, people counting, smart motion detection, enter area, leave area, etc. |
| Abnormal Alarm | Disk alarm, IP address conflict, network disconnect |
| Intelligent Analysis (by NVR) | 4-ch intrusion detection, accurate detection of human and vehicle |
| Event Action | Buzzer, pop-up message to monitor, full screen, email, FTP, PTZ, alarm output, recording |

NETWORK

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|------------------|--|
| Network Protocol | HTTP, TCP/IP, IPv4, IPv6, UPnp, UDP, RTSP, SMTP, NTP, DNS, DHCP, FTP, P2P, IP Filter, DDNS, 802.1X, SNMP, 3G/4G, PPPoE |
| Remote Users | 8 users |
| Interoperability | ONVIF, SDK, CGI |

STORAGE

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|------------|---|
| ANR | Supported |
| Disk Group | Supported |
| RAID | RAID 0, RAID 1, RAID 5, RAID 6, RAID 10 |

THERMAL

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|------------------------|---|
| Temperature Parameters | Thermal channel selection, temperature unit selection, display configuration, alarm linkage |
| Target Area Alarms | PTZ controls / polygon line and spot / threshold, delta, temp rise / warning and alarm values |
| Thermal History Graph | Time and date filter, target area filter, temperature range filter, export data |

INTERFACE

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|-------------------|---|
| HDD Interface | 8 SATA interfaces, up to 16TB capacity for each disk |
| Network Interface | 2 x RJ-45, 10/100/1000 Mbps self-adaptive ethernet port |
| eSATA | 1 eSATA interface |
| HDMI | 2 |
| VGA | 1 |
| Audio In/Out | 1/1 |
| Alarm In/Out | 16/6 |
| USB Interface | Front panel: 2 x USB 2.0, rear panel: 2 x USB 3.0 |
| RS-485 Interface | 1 |
| RS-232 Interface | 1 |
| Reset Button | On-board reset button |
| *PoE Interface | 16 ports, 10/100 Mbps, 802.3af/at, max 140W |

GENERAL

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|----------------------|---------------------------------------|
| Power Supply | 100 to 240VAC, redundant power supply |
| Power Consumption | < 15 W (without HDD) |
| Operating Conditions | -10°Cto 50°C (14°F to 122°F) |
| Storage Conditions | Less than 90% RH |
| Certifications | CE/FCC/ IEC61850-3 |

IIS-NVR64-8HD (STANDARD)

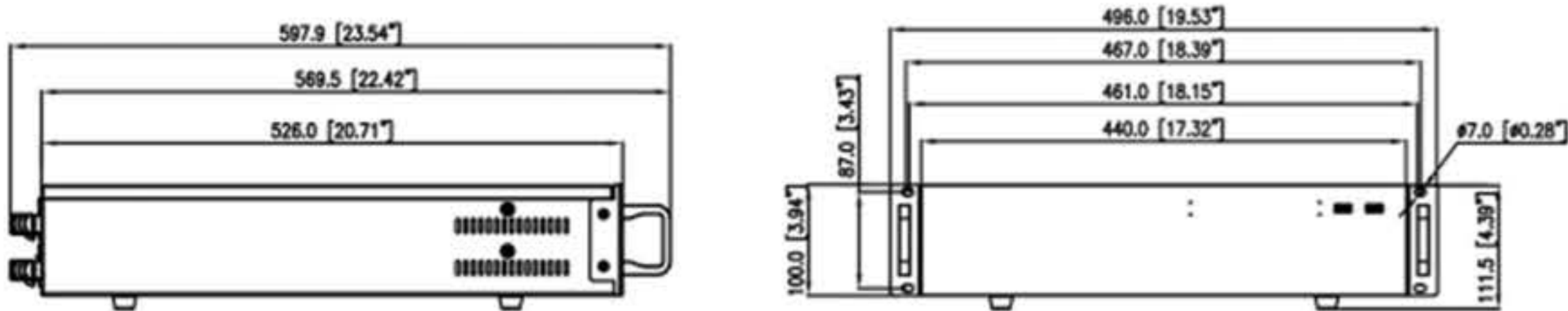
| | |
|------------|--------------------------------------|
| Dimensions | 440x526x111.5mm (17.32x20.71x4.39in) |
| Net Weight | 13.82kg (30.48lb) without HDD |

IIS-NVR64-8HD-P16 (PoE)

| | |
|------------|--------------------------------------|
| Dimensions | 440x426x111.5mm (17.32x16.77x4.39in) |
| Net weight | 7.6kg (16.76lb) without HDD |

*This only applies to IIS-NVR64-8HD-P16

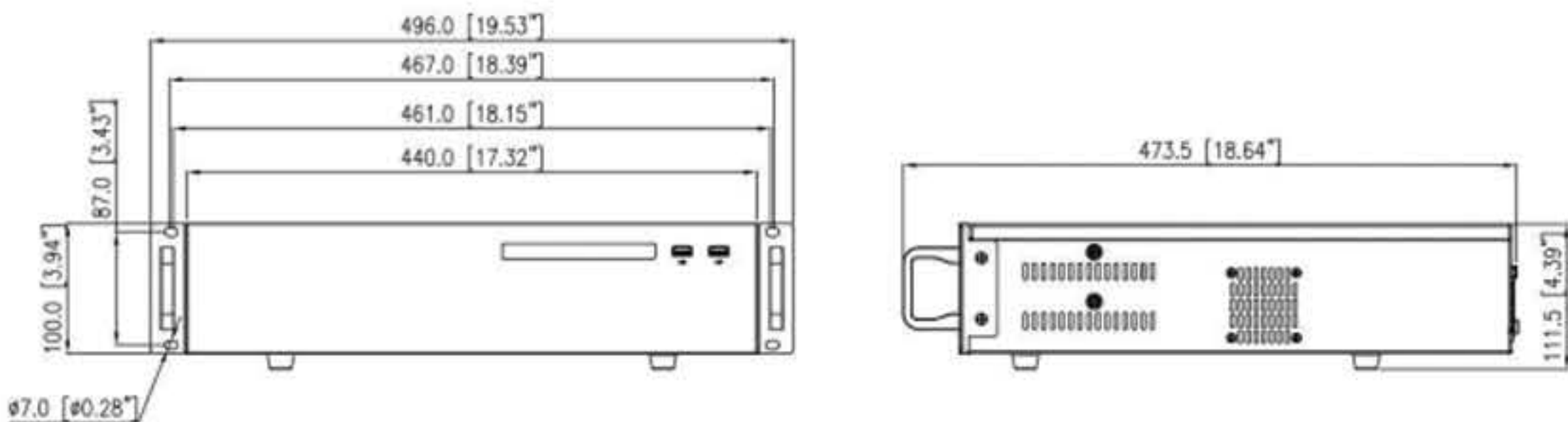
Standard Dimensions (mm)



Standard Rear Panel



PoE Dimensions (mm)



PoE Rear Panel

