



PROFESSIONAL NETWORKING DEVICES

PRODUCT CATALOG

NIVICA / 2026



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About Us

Network infrastructure designed for reliability and performance.



NIVICA - technology that works for you

The NIVICA brand was established in 2018 to provide reliable and functional solutions for network installations. From the beginning of our activity, we focus on products that help build a stable IT infrastructure in companies, public institutions, and private homes.

We specialize in designing and delivering network devices such as switches and routers. We create an offer that responds to the real needs of installers, system integrators, IT departments, and end-users who expect reliability, easy configuration, and an attractive price-to-quality ratio.

Tools for building stable networks

In a world where network continuity and seamless data transmission are crucial, we focus on solutions that ensure stability, security, and user comfort.

Our products are created with the following in mind:

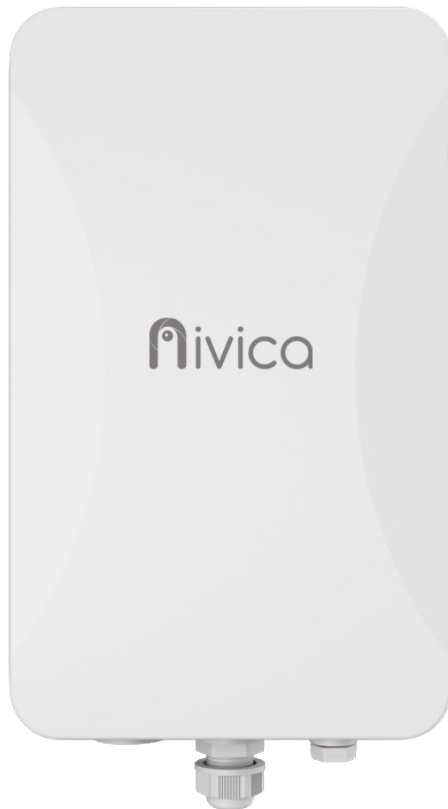
- reliable operation for many years,
- easy installation and configuration,
- high network performance,
- compatibility with other devices and systems,
- optimal price-to-quality ratio.

Access Point

ACCESS POINT

NV-AP6-O

EAN: 5904708319820



Outdoor Wi-Fi 6 Access Point IP65 (2.4GHz / 5GHz)

KEY FEATURES

- Support for the Wi-Fi 6 (802.11ax) standard with 2T2R MIMO technology across 2.4 GHz and 5 GHz bands
- Two operating modes: Access Point (AP) mode and Gateway mode
- 10/100/1000/2500 Mbps WAN port with 48V PoE support
- Multiple SSID support (4 per band) and seamless roaming support
- Maximum capacity of up to 128 simultaneous users.

Nivica NV-AP6-O is an advanced access point built on the MT7981B+MT7976DA+GPY211 processor architecture, backed by 256MB of DDR3 memory and 16MB of SPI NOR Flash memory.

The device operates across frequency ranges of 2.4GHz ~ 2.484GHz and 5.150GHz ~ 5.825GHz, utilizing antennas with a 4*4dBi configuration.

In the 2.4 GHz band, it supports 802.11b/g/n/ax standards with speeds up to 574 Mbps, while in the 5 GHz band, it supports 802.11a/n/ac/ax standards, providing a theoretical throughput of up to 2402 Mbps.

The device hardware features a 10/100/1000/2500 Mbps WAN interface supporting 48V PoE and a 10/100/1000 Mbps LAN port.

It offers advanced wireless functions, including SSID hiding, client isolation, MAC address filtering, and 5G Prior support for faster Ethernet.

Data transmission security is ensured by broad encryption options, such as Open, WPA, WPA2PSK, TKIPAES, WAP2_EAP, and WPA3, while networking capabilities are complemented by VLAN settings and cloud access support in gateway mode.

Device management is handled via WEB remote management interface, enabling monitoring of system status, wireless status, and real-time traffic.

Administrators have access to tools for configuration backup and restoration, Wi-Fi scheduling for energy saving, adjustable RF power, and device reboot or factory reset functions.

The device is powered via PoE 802.3at with a maximum power consumption of less than 18W, and its chassis measuring 304mm x 181mm x 88mm with a weight of less than 1.6kg is designed to operate within a temperature range of -20°C to 55°C.

DOCUMENTS

→ [Datasheet PDF](#) → [CE Declaration PDF](#) → [User Manual PDF](#)

ACCESS POINT

NV-AP7

EAN: 5904708319837

Indoor Wi-Fi 7 Access Point (2.4GHz / 5GHz)

KEY FEATURES

- Support for radio standards in the 2.4GHz (IEEE 802.11 b/g/n/ax/be) and 5GHz (IEEE 802.11 a/n/ac/ax/be) bands
- Operation in three working modes: Gateway Mode, Repeater Mode, and AP Mode
- Network interfaces including one 1*10/100/1000/2500Mbps WAN port with 48V POE support and one 1*10/100/1000Mbps LAN port
- Support for a maximum of 128 concurrent users
- Advanced wireless functions including seamless roaming, multiple SSID, and comprehensive Wi-Fi security protocols.

The Nivica NV-AP7 is based on a hardware configuration featuring the main chip IPQ5312+QCN6422+QCA8081+QCA8337, 512MB DDR4 memory, and 128MB Nand Flash.

The device operates within the frequency ranges of 2.4GHz~2.484GHz and 5.150GHz~5.825GHz, utilizing 2x4dBi Dual Band antenna configurations for both bands.

It ensures stable wireless transmission with a maximum theoretical data rate of up to 688Mbps on the 2.4GHz band and up to 2882Mbps on the 5GHz band while maintaining strict transmission power and receiving sensitivity parameters.

The device is equipped with a physical 1*10/100/1000/2500Mbps WAN port supporting 48V POE power and a 1*10/100/1000Mbps LAN port.

The NV-AP7 supports up to 128 simultaneous users, offering functions such as seamless roaming, SSID hiding, client isolation, and 5G Prior.

Thanks to its versatile working modes – Gateway, Repeater, and AP – the access point flexibly adapts to network architectures, enabling the configuration of up to 4 SSIDs for the 2.4GHz band and 4 SSIDs for the 5.8GHz band.

Device management is handled via WEB remote management interface, which allows for monitoring system status, wireless status, and real-time traffic, as well as performing configuration backups and restores.

The NV-AP7 can be powered via POE 802.3at or DC 12V2A, with a maximum power consumption of less than 24W. The enclosure, measuring 304mm × 181mm × 88mm and weighing 1.6kg, is designed for operation in temperatures ranging from -20°C to 55°C and humidity levels from 10% to 90% (non-condensing).



DOCUMENTS

→ [Datasheet PDF](#) → [CE Declaration PDF](#) → [User Manual PDF](#)

Industrial DIN Power Supply

INDUSTRIAL DIN POWER SUPPLY

NV-IPW-48-240 EAN: 5904708319882


DOCUMENTS

[→ Datasheet PDF](#) [→ CE Declaration PDF](#)

Industrial DIN-Rail Power Supply (240W, 48V-57V)

KEY FEATURES

- Wide AC power compatibility range (85~264VAC) and stable DC output with a nominal voltage of 48V.
- High operating efficiency (Efficiency $\geq 89\%$) and a power factor exceeding 0.99 @ 115Vac.
- Integrated system of advanced protection mechanisms, including Over Voltage, Over Current, and Short Circuit Protection with Hiccup mode.
- Multifunctionality of connection terminals (TB1 and TB2), supporting the connection of both alternating current (AC/L, AC/N) and direct current (DC -V, DC +V).
- High environmental resistance: operating temperature range from -30°C to 85°C and the ability to withstand voltage impulses across the I/P-O/P level at 1.5kV. The NV-IPW-48-240 model is a compact power supply measuring 45 x 113 x 124 mm and weighing 1.2 kg, designed to deliver a stable 48V direct current (output range: 0-5A) at a maximum continuous power of 240W. The device features a high power factor (> 0.99 @ 115Vac, > 0.93 @ 230Vac) and is capable of handling input voltages in the range of 85~264VAC at frequencies of 47~63Hz, while guaranteeing a very fast startup time (Output Start Time: $< 25\text{ms}$ @ nominal input). Installers will appreciate connection flexibility thanks to two sets of terminals.

The TB1 terminals allow for AC/N or DC - and AC/L or DC + connections, while the TB2 terminals provide dedicated DC OUTPUT -V and DC OUTPUT +V outputs.

The system is equipped with automated protection functions, such as Over Voltage Protection (57-70V) and Over Current Protection (6-7.5A), all implemented via Hiccup mode with automatic self-recovery after fault clearance.

Furthermore, the module features Short Circuit Protection that activates upon connecting a sufficiently large copper cable cross-section.

The device features high operational resilience, ensuring load stability at $\pm 1\%$ and a minimal noise level (Wave And Noise: 150mVp-p). The power supply includes advanced protective mechanisms covering Over Power Protection (288-360W) and general Overload Protection, which guarantee an automatic return to normal operation.

Additionally, the module is resistant to vibrations (10-500Hz) and shock impacts (20G), confirming its reliability in harsh operational environments.

Industrial PoE Switch

INDUSTRIAL POE SWITCH

NV-ISW-0604PG-XE-2SU EAN: 5904708319875

Industrial Gigabit PoE switch (4x Gigabit PoE + 2x Gigabit SFP) for DIN rail

KEY FEATURES

- 4 ports of 10/100/1000Base-T PoE and 2 slots of 100/1000Base-X SFP
- Support for IEEE802.3af/at PoE standards with a maximum power of 30W per port and a total power budget of 60W
- Non-blocking switching capacity of 12Gbps with a forwarding rate of 8.93Mpps
- AI Extend function enabling transmission up to 300 meters, along with Port Isolation, VLAN, and PoE Watchdog modes
- Industrial IP40-rated design supporting operating temperatures from -40 to +75°C. The Nivica NV-ISW-0604PG-XE-2SU is an industrial Ethernet switch designed for reliable network connections in demanding environments.

The device features four 10/100/1000Base-T PoE ports (Data/Power) and two 100/1000Base-X SFP slots (Data). The switch architecture is based on the Store and Forward mode, offering a switching capacity of 12Gbps (Non-blocking), a forwarding rate of 8.93Mpps for 64-byte packets, a 4K MAC address table, a 2M buffer memory, and support for 10K Jumbo Frames.

The device design incorporates two sets of redundant DC power interfaces with 5-pin Phoenix terminals, ensuring operational stability under harsh conditions.

The physical structure, measuring 119 * 100 * 35 mm with a net weight of less than 1.3 kg, features an IP40 protection rating and resistance to lightning surges up to 6KV, as well as high ESD and Surge compliance according to IEC standards.

The device can operate in a wide temperature range from -40 to +75°C with a relative humidity of 5% to 90% non-condensing, making it an ideal solution for industrial applications and video surveillance.

Management of special features is handled via a hardware DIP switch switch located on the housing.

By default, the switch supports port prioritization and offers advanced operating modes such as AI Extend (transmission range up to 300 meters with single port speed limited to 10Mbps), port isolation and VLAN for ports 1-4, and the AI-PoE Network auto restart mode (PoE Watchdog) which automatically resolves issues with connected cameras.

The device is powered by 48-57VDC with reverse polarity protection, consuming less than 3W in standby and a maximum of 60W at full load.

Operating status information is indicated via LED indicators for power, network, and PoE status.



DOCUMENTS

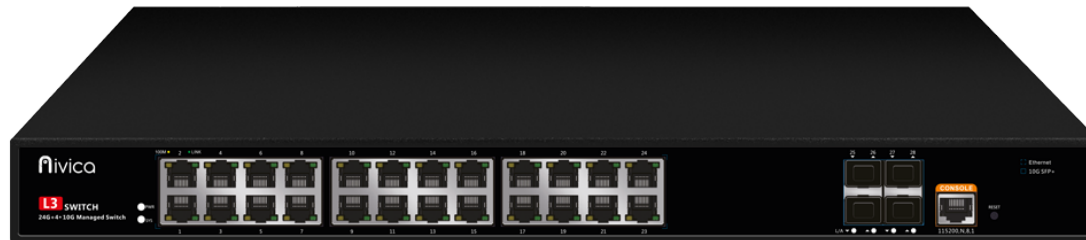
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Managed Ethernet Switch

MANAGED ETHERNET SWITCH

NV-SW-2824G-L3-4XU

EAN: 5904708319998



DOCUMENTS

→ Datasheet PDF → CE Declaration PDF → User Manual PDF

L3 Managed Aggregation Switch (24x RJ45 Gigabit + 4x SFP+ 10G)

KEY FEATURES

- 24 10/100/1000Base-T/TX RJ45 ports and 4 SFP+ 1/2.5/10G uplink ports
- Advanced Layer 3 (L3) network features, including static routing, IPv4/IPv6 support, and VLANs (4K)
- Non-blocking switching capacity of 598 Gbps and throughput of 107.14 Mpps
- Comprehensive security suite, including 802.1X/RADIUS authentication, DoS attack protection, and L2-L4 ACL filtering
- Support for the industrial G.8032 (ERPS) ring network protocol with a auto restart time of less than 20 ms.

Nivica NV-SW-2824G-L3-4XU is a professional, managed Layer 3 network switch housed in a compact 1U enclosure designed for mounting in 19-inch rack cabinets or directly on a desk.

The device features 24 copper RJ45 ports with 10/100/1000Base-T/TX bandwidth and MDI/MDI-X auto-detection, 4 ultra-fast SFP+ fiber slots supporting speeds of 1, 2.5, and 10 Gbps, as well as a dedicated RS232 console port.

The switch features a non-blocking switching capacity of 598 Gbps, a packet forwarding rate of 107.14 Mpps, a 32K MAC address table, and 32MB of buffer memory.

It is powered by a built-in AC 100~220V (50-60Hz, 5A) power supply and provides port surge protection up to 4kV and ESD protection compliant with the IEC61000-4-2 standard (±8kV contact, ±15kV air). From the installer's and end-user's perspective, the device provides exceptional flexibility and reliability in the most demanding network structures.

The copper ports work with Category 3, 4, 5, and 5e or later UTP cabling at distances up to 100 meters, while the SFP+ fiber interfaces allow for flexible selection of single-mode or multi-mode modules with LC connectors, providing transmission over distances from several hundred meters up to 120 km.

The switch supports static port aggregation and LACP (up to 8 groups with a maximum of 8 ports each), standard Spanning Tree protocols STP, RSTP, and MSTP, as well as advanced ring topology redundancy thanks to the G.8032 (ERPS) protocol supporting up to 255 loops.

Advanced traffic management includes IGMP and MLD Snooping protocols (up to 1024 multicast groups), QoS mechanisms with 8 output queues per port, 802.1p/DSCP priority mapping, rate limiting, and packet filtering based on Layer 2 to Layer 4 Access Control Lists (ACL). Network administrators are provided with a powerful software tool supporting static and default routing (up to 128 entries) and the ARP protocol (up to 1024 entries), as well as flexible VLAN configuration in port-based, protocol-based, Access, Trunk, Hybrid, and QinQ modes.

Configuration and management can be performed via an intuitive WEB interface (HTTPS), CLI command line (Console, Telnet, SSH2.0), SNMP protocols (V1/V2C/V3), and the central NMS management system, with support for FTP, TFTP, SFTP, Xmodem, NTP protocols, and diagnostic mechanisms such as Ping or cable status testing.

A high level of operational security is guaranteed by user authentication features (802.1X, AAA, RADIUS), DoS attack protection, ARP inspection, IP source address protection, MAC address limits, MAC black holes, and IP+MAC+VLAN+port binding.

The device complies with rigorous commercial standards (holding CCC, CE, FCC, and RoHS certifications), features an IP30 protection rating, and can operate in temperatures ranging from -20 to +55°C with a relative humidity of up to 90% without condensation.

Optical Fiber Patch Cord

OPTICAL FIBER PATCH CORD

NV-FOP-03M-SM-SC|LC

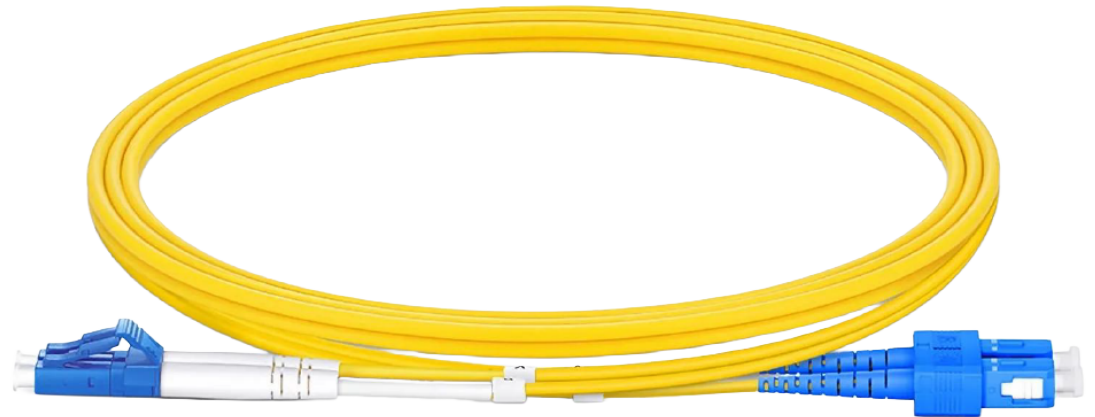
EAN: 5904708319851

Single-Mode Fiber Optic Patch Cord with a length of 3m equipped with SC-LC connectors

KEY FEATURES

- support for transmission in Single mode architecture
- factory-configured connectors in the SC-LC standard
- fixed cable length of 3m
- high stability of transmission parameters across a wide range of operating temperatures.

It performs exceptionally well in demanding, professional network installations.



DOCUMENTS

→ Datasheet PDF → CE Declaration PDF

PoE Injector

POE INJECTOR

NV-INJ-60-G

EAN: 5904708319868



Gigabit PoE Power Injector (60W, 802.3bt)

KEY FEATURES

- Support for IEEE 802.3af/at/bt PoE standards
- Total output power of 60W at a voltage of 52V
- Working rate of 1000Mbps for 1000BASE-TX networks
- Interfaces comprising 2 RJ45 ports and an AC input port
- Designed for operation within an operating temperature range of -20°C to 55°C. The Nivica NV-INJ-60-G is a single-port PoE injector designed to supply power to network devices via twisted-pair copper cable.

The device features a working rate of 1000Mbps and a total power output of 60W at a 52V output voltage.

The power supply architecture defaults to a Mid-span configuration utilizing data line pairs 4/5 and 7/8, with customizable End-span support for spare line pairs 1/2 and 3/6. The injector is equipped with 2 copper cable RJ45 ports and 1 AC input port supporting an input voltage range of 100~240V. It utilizes 1000BASE-TX network medium compatibility with Cat5 or later UTP cabling up to 100 meters.

PoE working status is indicated via dedicated LEDs.

The hardware boasts an MTBF of 100,000 hours and complies with IEC61000-4-2(ESD) network port protection requirements.

The unit incorporates thermal protection activating at temperatures above 100°C. It is rated for an operating humidity of 10%~90%, non-condensing, and a storage temperature range of -20°C to 75°C with a storage humidity of 10%~95%, non-condensing.

Featuring compact dimensions of 108 * 44 * 33 mm and a weight of 0.14kg, the device holds CE mark, commercial, FCC Part 15 Class B, and RoHS certifications.

DOCUMENTS

→ [Datasheet PDF](#) → [CE Declaration PDF](#)

PoE Splitter

POE SPLITTER

NV-SP-5-12-B

EAN: 5904708319974

10/100/1000M PoE to DC 5V/2.4A Splitter

KEY FEATURES

- Support for PoE input voltage from 44 to 57V and a stable DC 5V output voltage at 2.4A with a rated power of 12W.
- High data transmission bandwidth of 10/100/1000M ensuring gigabit network speeds.
- Built-in advanced DC/DC Switching protections guarding against over-current and over-temperature.
- Comprehensive protection system including short-circuit, over-current, and over-voltage protection (triggered at 120%-150% of normal) with automatic recovery to operation.
- High energy efficiency of at least 81.5% and a built-in isolation function.

The NV-SP-5-12-B Nivica is a high-class 10/100/1000M PoE splitter cable with a length of 190 mm, designed for the efficient power supply of low-voltage devices from an Ethernet network infrastructure.

The device features a PoE input voltage ranging from 44 to 57V and a rated output power of 12W, delivering a DC 5V constant voltage at 2.4A. The energy efficiency of the device is $\geq 81.5\%$, and maximum output ripple & noise under normal voltage and current do not exceed 100mV /Vp-p.

The boot time is a maximum of 2 seconds at a DC 48V input voltage under maximum load, while the rise time is a maximum of 50 ms at a DC 48V input voltage under maximum load.

The specification also includes detailed load characteristics for the +12V output, where the voltage at empty load is 12.0V-12.3V, and under max/adjustable load ranges from 11.52V to 12.48V with a minimum load current of 0A. The NV-SP-5-12-B stands out for its ergonomic and compact design with a length of 190 mm and a versatile set of physical interfaces.

The device is equipped with 1 RJ45 input port, 1 RJ45 output port, and 1 dedicated DC output port measuring 5.5*2.1 mm.

Thanks to its support for gigabit 10/100/1000M transmission, the splitter performs exceptionally well in modern surveillance installations and networked peripheral devices, where reliable delivery of DC 5V power from a PoE line is critical.

The presence of an isolation function and high repeatability of electrical parameters guarantee smooth and stable integration across various teleinformation systems.

The NV-SP-5-12-B is powered via the PoE bus (44-57V) and supports advanced DC/DC Switching protection mechanisms guarding against overheating and over-current conditions.

Short-circuit protection and over-current protection automatically restore the device to operation once the fault condition is cleared, while over-voltage protection—enabled when the output voltage exceeds normal levels by 120% to 150%—ensures complete safety for the connected equipment.

The device is adapted for operation within a wide environmental temperature range from -20°C to +60°C and a working humidity of 20% to 80%, as well as a storage temperature range from -30°C to +60°C and a storage humidity of 10%~90%.



DOCUMENTS

→ [Datasheet PDF](#) → [CE Declaration PDF](#)

PoE Switch

POE SWITCH

NV-SW-1008P-XE-2FU

EAN: 5904708319899



DOCUMENTS

→ Datasheet PDF → CE Declaration PDF → User Manual PDF

Unmanaged PoE Switch (6x PoE 100M + 2x High-PoE 60W + 2x Uplink 100M)

KEY FEATURES

- 8 10/100Base-T/TX PoE ports (including ports 1-6 up to 30W and ports 7-8 up to 60W) and 2 10/100Base-T/TX RJ45 Uplink ports
- Physical DIP switch supporting default port priority and advanced AI modes (Extend up to 300m, port isolation with VLAN, and PoE Watchdog)
- Total power budget of 120W from the built-in AC 100~240V power supply with a standby power consumption of less than 4W and up to 120W at full load
- 2.0 Gbps switching capacity, 1.488 Mpps packet forwarding rate, 4K MAC address table, and 1.25M buffer memory
- IP30-rated metal enclosure with ESD protection as well as surge and lightning protection, designed for desktop or wall-mounted installation.

Nivica NV-SW-1008P-XE-2FU is a professional, compact network switch Nivica, designed for reliable power supply and data transmission in surveillance systems and IP networks.

The device is based on the store-and-forward architecture and features a switching capacity of 2.0 Gbps, a forwarding rate of 1.488 Mpps, a MAC address table accommodating 4 thousand addresses, and a 1.25M buffer memory.

The switch supports key network protocols such as IEEE802.3 10BASE-T, IEEE802.3i, IEEE802.3u 100Base-TX, and IEEE802.3x, offering automatic detection of 10/100Base-T(X) Ethernet ports and full/half duplex adaptation in MDI/MDI-X mode.

From the installer's and user's perspective, the device provides versatile connection capabilities thanks to 8 PoE ports and 2 RJ45 Uplink ports, which support transmission over Category 5 or higher UTP twisted-pair cable up to 100 meters (or up to 300 meters in extended mode). The PoE ports supply power using the default pin assignment of 1/2(+) and 3/6(-), with ports 1-6 offering up to 30W max (15.4W average) and ports 7-8 providing higher power up to 60W max (15.4W average). The switch is equipped with clear LED indicators showing the power status (PWR) and network activity (Link/Act) for all ports, and its design allows for desktop or wall mounting.

The device can operate in a wide temperature range from -20 to +55°C and at a relative humidity of 5% to 90% (non-condensing). From the administrator's and installer's perspective, managing the device's operation and tailoring it to specific network requirements is facilitated by the built-in DIP switch, which defaults to supporting port prioritization and activates special modes: mode E (AI Extend) allowing transmission up to 300 meters with single-port speed limited to 10 Mbps while maintaining standard speeds on other ports, mode V enabling port isolation and VLAN function for ports 1-8, and mode D activating the AI-PoE network auto restart function (PoE Watchdog), which automatically detects and resolves frozen camera issues, reducing maintenance costs.

The switch is powered by a built-in AC 100~240V (50-60Hz) power supply and features a high level of safety, including ESD electrostatic protection compliant with IEC61000-4-2 (±8kV contact, ±15kV air) and surge/lightning protection according to IEC61000-4-5 (power: CM±4kV/DM±2kV, ports: ±4kV), while also meeting rigorous certification standards such as CCC, CE (commercial and LVD EN60950), FCC Part 15 Class B, and RoHS.

POE SWITCH

NV-SW-1008P-XE-2GU

EAN: 5904708319905

Unmanaged PoE Switch (6x PoE 100M + 2x High-PoE 60W + 2x Uplink Gigabit)

KEY FEATURES

- 8 10/100Base-T/TX PoE ports (including ports 1-6 supporting standard af/at and ports 7-8 supporting standard af/at/bt) and 2 Uplink 10/100/1000Base-T/TX RJ45 ports
- DIP switch with AI Extend functions (transmission up to 300 m), port/VLAN isolation, and AI-PoE network auto restart (PoE Watchdog)
- High switching capacity of 5.6 Gbps, packet forwarding rate of 4.17 Mpps, 1.25M buffer memory, and support for a 4K MAC address table
- Built-in AC 100~240V power supply with a total power budget of 120W and low standby power consumption of less than 4W
- Sturdy IP30-rated housing with advanced ESD protection ($\pm 8\text{kV}$ contact discharge, $\pm 15\text{kV}$ air discharge) and surge protection (power supply: $\text{CM}\pm 4\text{kV}/\text{DM}\pm 2\text{kV}$; ports: $\pm 4\text{kV}$). The Nivica NV-SW-1008P-XE-2GU is an advanced network switch designed for power supply and data transmission in IP surveillance systems and modern structured networks.

The device provides a switching capacity of 5.6 Gbps, a packet forwarding rate of 4.17 Mpps, a 1.25M buffer memory, and support for 4K MAC addresses.

The design features compact dimensions of 195 x 130 x 40 mm, a net weight of less than 1 kg (gross weight less than 1.2 kg), and adaptability for desktop or wall-mounted installation, meeting stringent IP30 ingress protection standards as well as CCC, CE, FCC, and RoHS certifications.

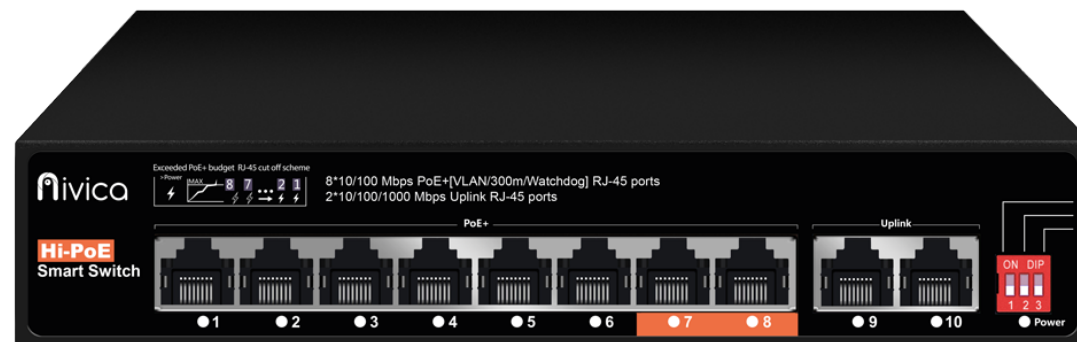
From the installer's and user's perspective, the device is equipped with flexible transmission interfaces supporting IEEE802.3, IEEE802.3i, IEEE802.3u, and IEEE802.3x protocols in Store and Forward mode with auto-detection and MDI/MDI-X function.

Transmission over carefully selected Category 5 or higher UTP cables reaches up to 300 meters for 10BASE-T/100BASE-TX ports and up to 100 meters for 1000BASE-TX ports.

A high level of operational safety in variable environmental conditions is guaranteed by an operating temperature range of -20°C to $+55^{\circ}\text{C}$ and relative humidity resistance from 5% to 90% RH (non-condensing). From the administrator's and installer's perspective, device management is handled via a physical DIP switch.

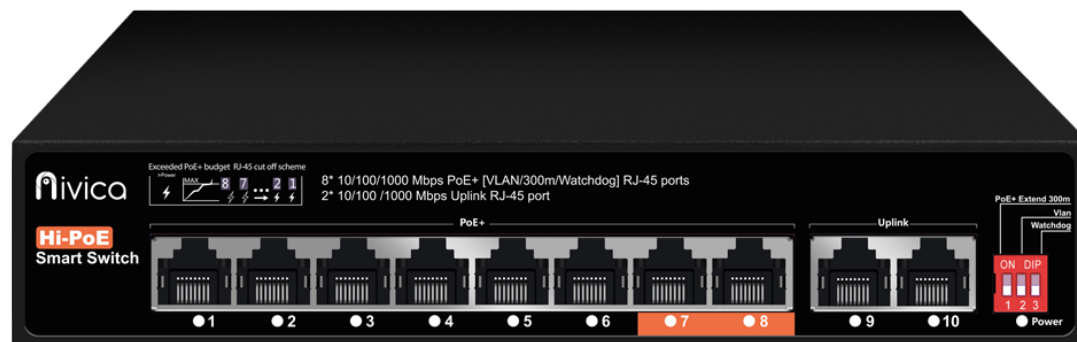
In the default mode, it supports port prioritization, while activation of individual AI functions significantly simplifies technical maintenance: mode E (AI Extend) enables transmission up to 300 meters with automatic single-port speed change down to 10 Mbps, mode V enables isolation and VLAN for ports 1-8, and mode D activates the AI-PoE Network auto restart function (PoE Watchdog), which automatically resolves camera issues and reduces post-sales service costs.

The switch is powered by a built-in AC 100~240V (50-60Hz) power supply delivering a total of 120W, where ports 1-8 offer an average power of 30W/15.4W, and ports 7-8 can supply a maximum of up to 60W, with total power consumption under full load not exceeding 120W.



DOCUMENTS

→ [Datasheet PDF](#) → [CE Declaration PDF](#) → [User Manual PDF](#)



DOCUMENTS

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Unmanaged Gigabit PoE Switch (8x PoE Gigabit + 2x Uplink Gigabit)

KEY FEATURES

- 8 10/100/1000Mbps PoE ports supporting IEEE802.3af/at standards and 2 10/100/1000Mbps RJ45 uplink ports
- High switching capacity of 20 Gbps and a packet forwarding rate of 14.88 Mpps using the Store and Forward method
- Advanced EVD function controlled by a DIP switch switch (AI Extend up to 300 m, port/VLAN isolation, and automatic PoE Watchdog network auto restart)
- High level of protection and safety including surge/lightning protection (power supply CM±4kV/DM±2kV, ports ±4kV) and ESD protection (contact ±8kV, air ±15kV)
- Built-in AC100-240V power supply with a total power of 120W, enclosed in a compact IP30 housing with dimensions of 220 x 145 x 44 mm, supporting desktop or wall mounting.

The Nivica NV-SW-1008PG-XE-2GU is an advanced network switch designed for high-performance installations and professional video surveillance systems.

The device is based on the Store and Forward architecture, offering a switching capacity of 20 Gbps, a forwarding rate of 14.88 Mpps, a 4K MAC address table, and a 4M buffer memory.

The switch fully supports a wide range of IEEE802.3 network protocols, including 10BASE-T, 100Base-TX, 1000Base-T, 1000base-X, and 100Base-FX standards, ensuring reliable data transmission in diverse network environments.

From the perspective of the installer and user, this model offers full flexibility thanks to automatic 10/100/1000Base-T(X) detection and full/half-duplex MDI/MDI-X adaptation.

Ports 1 through 8 deliver stable power compliant with the IEEE802.3af/at standard using standard power supply pins 1/2(+) and 3/6(-), perfectly powering end devices such as IP cameras.

The IP30-rated construction weighs less than 0.8 kg (gross weight <1.5 kg) and features compact dimensions of 220 x 145 x 44 mm, enabling easy installation on a desktop or directly on a wall.

Device status is fully monitored via clear LED indicators showing power (PWR) and network activity (Link/Act) for each port.

Network administrators and installers gain a powerful tool thanks to the built-in DIP switch switch, which supports the EVD function with three operation modes.

Mode E-1 (AI Extend) allows for extending transmission up to 300 meters with automatic speed change of a single port to 10Mbps, while other ports maintain 1000M within 100 meters.

Mode V-2 activates port isolation and VLAN support, and mode D-3 enables the AI-PoE Network auto restart function (PoE Watchdog), which automatically resolves issues with frozen cameras, significantly reducing maintenance costs.

The entire system is powered by a built-in AC100-240V 50-60Hz power supply with a maximum load of up to 120W, while maintaining a low standby power consumption of less than 2W. Operational safety and stability in demanding conditions are confirmed by an operating temperature range of -20 to +55°C, a humidity tolerance of 5%~90% RH, and rigorous certifications such as CCC, CE, FCC Part 15 Class B, and RoHS.

POE SWITCH

NV-SW-1916P-XE-2GU1SU

EAN: 5904708319929

Unmanaged PoE Switch (12x PoE 100M + 4x High-PoE 60W + 2x Uplink Gigabit + 1x SFP Gigabit)

KEY FEATURES

- 16 PoE ports compliant with the IEEE802.3af/at standard, including ports 1-12 with up to 30W and ports 13-16 with increased power up to 60W.
- Advanced operation modes managed via a dial switch: AI Extend (range up to 300 m), port isolation and VLAN (1-4), and PoE Watchdog (network auto restart).
- Fanless design (Non-Fan) ensuring silent operation and versatile mounting methods (desktop, wall, 19" 1U rack).
- High non-blocking performance: 9.2Gbps throughput, 6.84Mpps forwarding rate, 8K MAC address table, and 4M buffer memory.
- Professional electrostatic and surge protection (ESD $\pm 8\text{kV}/\pm 15\text{kV}$, port surge $\pm 4\text{kV}$, and power surge $\text{CM}\pm 4\text{kV}/\text{DM}\pm 2\text{kV}$) in an IP30-rated enclosure.

Nivica NV-SW-1916P-XE-2GU1SU is an advanced Store and Forward network switch designed specifically for professional video surveillance systems and network infrastructure.

The device offers non-blocking switching performance of 9.2Gbps, a forwarding rate of 6.84Mpps, support for an 8K MAC address capacity, and a 4M buffer memory.

The switch fully supports key network protocols including IEEE802.3, IEEE802.3i, IEEE802.3u, IEEE802.3ab, IEEE802.3z, and IEEE802.3x, ensuring seamless integration across diverse transmission environments.

In terms of interfaces, the device features 16 10/100Base-T/TX PoE ports supporting data transmission and power supply, two gigabit 10/100/1000Base-T/TX RJ45 ports, and one 100/1000Base-X SFP fiber slot (supporting single/multi-mode, single/dual fiber, LC modules, ordered separately). The Ethernet ports are equipped with automatic 10/100/1000Base-T(X) detection and full/half Duplex MDI/MDI-X adaptive features.

Compact dimensions (310 x 205 x 44 mm), low weight (net <3 kg, gross <4 kg), and flexible installation methods (desktop type, wall-mounted, or 19-inch 1U cabinet) facilitate deployment in any location.

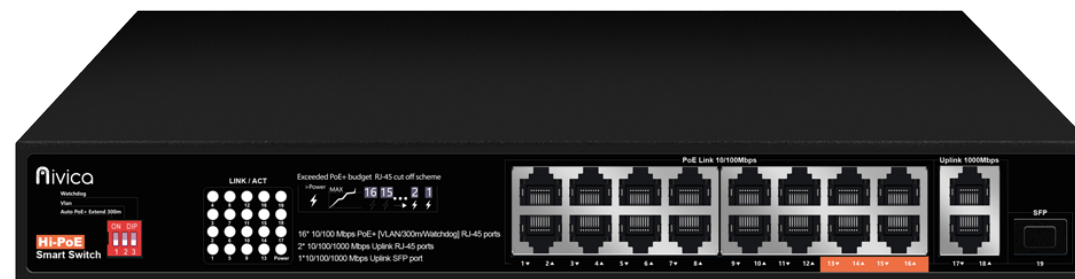
Thanks to its fanless design (Non-Fan), the switch operates completely silently, allowing for installation in noise-sensitive environments.

From an administrator and installer perspective, the device provides convenient management of special functions using a dial switch.

By default, it supports port priority, and when respective modes are enabled, it provides the AI Extend function (transmission up to 300 meters with automatic speed reduction to 10 Mbps on a single port while maintaining 100M/1000M on others), port isolation and VLAN for ports 1-4, and the AI-PoE Network auto restart function (PoE Watchdog), which automatically resolves camera issues and reduces maintenance costs.

Power is supplied via a built-in AC 100~240V (50-60Hz) power adapter with a total capacity of 250W, utilizing standard power pins 1/2(+), 3/6(-). Power consumption is less than 5W in standby mode and a maximum of 250W under full load.

The unit demonstrates high reliability in industrial conditions, confirmed by an IP30 protection rating, resistance to electrostatic discharge and surges (in compliance with IEC61000-4-2 and IEC61000-4-5 standards), CCC, CE (commercial, LVD EN60950), FCC Part 15 Class B, and ROHS certifications, while operating within a temperature range of -20°C to +55°C and 5%~90% relative humidity (non-condensing).



DOCUMENTS

→ [Datasheet PDF](#) → [CE Declaration PDF](#) → [User Manual PDF](#)

NV-SW-2016PG-XE-2GU2SU

EAN: 5904708319936



Unmanaged Gigabit PoE Switch (16x PoE Gigabit + 2x Uplink Gigabit + 2x SFP Gigabit)

KEY FEATURES

- 16 gigabit PoE/PoE+ ports compliant with the IEEE802.3af/at standard with a maximum power of up to 30W per port
- 4 uplink ports including 2 gigabit RJ45 ports and 2 SFP 100/1000Mbps fiber slots
- EVD function controlled by a DIP switch (AI Extend up to 300 m, port isolation & VLAN, and automatic PoE watchdog)
- High data transmission performance with a 40 Gbps switching capacity and a packet forwarding rate of 29.76 Mpps
- Rugged, compact IP30-rated enclosure with advanced surge protection and versatile mounting (desktop, wall mount, 1U rack mount). Nivica NV-SW-2016PG-XE-2GU2SU is an advanced, hardware-managed network switch designed for reliable video surveillance installations and LAN networks.

The device features 16 10/100/1000Mbps ports with PoE+ support and 4 uplink ports (2x 1Gbps RJ45 and 2x 100/1000Mbps SFP). It boasts a switching capacity of 40 Gbps, a packet forwarding speed of 29.76 Mpps, an 8K MAC address table, and 4M buffer memory.

It is powered by a built-in AC 100-240V 50-60Hz power supply with a total power budget of 200W, consuming less than 5W in standby mode and up to 200W at full load.

From the perspective of the installer and user, the switch provides complete flexibility and physical infrastructure security.

The base Ethernet ports offer automatic 10/100/1000Base-T(X) detection and MDI/MDI-X adaptation for full and half-duplex modes, while the SFP ports allow for flexible matching of fiber modules (single/multi-mode, single/dual fiber, LC, ordered separately). Measuring 290 x 181 x 44 mm and weighing under 1.6 kg (net), the device supports desktop, wall-mounted, and 1U rack installations.

The IP30-rated enclosure stands out for its high resistance to electrostatic discharge (ESD) ($\pm 8\text{kV}$ contact, $\pm 15\text{kV}$ air) and professional surge protection (power supply: $\text{CM}\pm 4\text{kV}/\text{DM}\pm 2\text{kV}$, ports: $\pm 4\text{kV}$), guaranteeing stable operation across a wide operating temperature range from -20°C to $+55^\circ\text{C}$. For the network administrator and installer, a key convenience is the physical DIP switch implementing the advanced EVD function.

It enables immediate default port prioritization as well as the activation of three special modes: E-1 mode (AI Extend), extending data and power transmission up to 300 meters with a speed limit of 10Mbps on a single port while maintaining 1000Mbps on other ports within 100 meters; V-2 mode, enabling port isolation and VLAN functionality; and D-3 mode, activating the intelligent AI-PoE Network auto restart system (PoE Watchdog function), which automatically detects and restarts frozen IP cameras, reducing maintenance costs.

The device supports Store and Forward switching mode, is based on IEEE802.3 protocols, and complies with rigorous certification standards including CCC, CE, LVD EN60950, and FCC Part 15 Class B while adhering to the RoHS directive.

DOCUMENTS

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POE SWITCH

NV-SW-2724P-XE-2GU1SU

EAN: 5904708319943

Unmanaged PoE Switch (16x PoE 100M + 8x High-PoE 60W + 2x Uplink Gigabit + 1x SFP Gigabit)

KEY FEATURES

- 24 Fast Ethernet PoE ports (IEEE802.3af/at) supporting standard power supply and increased power up to 60W on ports 21-24.
- AI Extend function providing data and PoE power transmission up to 300 meters with speed limited to 10 Mbps.
- AI VLAN function and port isolation (1-24) enabled via DIP switch to enhance transmission security.
- AI-PoE Network auto restart function (PoE Watchdog) automatically resolving issues with frozen cameras and reducing service costs.
- Fanless design (Non-Fan) guaranteeing quiet device operation with a high switching performance of 10.8 Gbps.

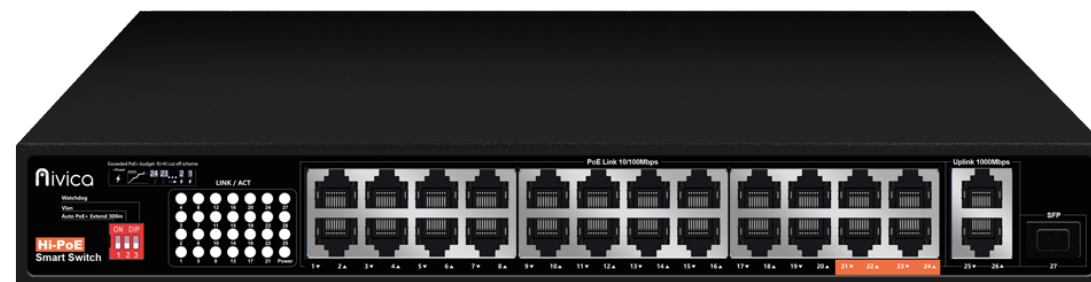
Nivica NV-SW-2724P-XE-2GU1SU is an advanced network switch based on the Store and Forward architecture, featuring a total of 27 ports, including 24 10/100Base-TX PoE (Data/Power) ports, 2 10/100/1000Base-T RJ45 (Data) ports, and 1 100/1000Base-X SFP uplink fiber slot (Data). The device achieves a switching capacity of 10.8 Gbps (non-blocking), a forwarding rate of 8.05 Mpps, an 8K MAC address table, and a 4M buffer memory.

The switch fully supports network protocols IEEE802.3, IEEE802.3i, IEEE802.3u, IEEE802.3ab, IEEE802.3z, and IEEE802.3x, ensuring full compatibility and stability in modern transmission installations.

From the perspective of the installer and user, this model features flexible mounting methods – it can be installed on a desktop, wall-mounted, or in a 19-inch 1U rack cabinet, with compact dimensions of 310 x 205 x 44 mm and a weight of less than 3 kg.

Ports 1-24 support the IEEE802.3af/at PoE standard, with ports 1-20 delivering a maximum of 30W (average 15.4W) and ports 21-24 offering power up to 60W (average 15.4W) with default pin assignment 1/2(+) and 3/6(-). The device is powered by a built-in switching power supply AC100-240V 50-60Hz (4.1A), offering a total power budget of 300W, low standby power consumption (<5W), and full surge and discharge protection (IEC61000-4-2 ESD up to ±15kV, IEC61000-4-5 Surge up to ±4kV) while maintaining an IP30 ingress protection level and stable operation at temperatures from -20 to +55°C. Management of operating modes and special device functions is carried out via a hardware DIP switch, which by default supports port prioritization and enables the activation of modes 'E', 'V', and 'D'. Mode 'E' (AI Extend) initiates transmission up to 300 meters with an automatic speed change to 10 Mbps on a single port, while other ports maintain 100M/1000M speeds within a distance of 100 meters (using Cat5 UTP twisted pair for 10BASE-T up to 300m and Cat5 or later for 100BASE-TX/1000BASE-T up to 100m). Mode 'V' activates port isolation for ports 1-24 and the VLAN function, while mode 'D' activates the AI-PoE network auto restart mode (PoE Watchdog), automatically resolving camera issues and reducing after-sales service costs.

The package is complemented by silent operation in Non-Fan mode and numerous certifications (CCC, CE, CE/LVD EN60950, FCC Part 15 Class B, RoHS), making the device a professional and reliable element of network infrastructure.



DOCUMENTS

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NV-SW-2824PG-M-4CU

EAN: 5904708319950



Smart Managed Gigabit PoE Switch (24x PoE Gigabit + 4x Combo SFP/RJ45 Gigabit)

KEY FEATURES

- 24 10/100/1000Mbps PoE ports and 4 1000M Combo uplink ports (SFP+RJ45)
- High performance with a switching capacity of 56Gbps and a forwarding rate of 41.664Mpps
- Advanced QoS features (Diff-Serv, 8 output queues per port, broadcast storm suppression)
- Comprehensive security mechanisms including port isolation, loop protection, and 6KV lightning protection
- Web-based management with HTTPS support, one-click restoration function, and cable status diagnostics.

The Nivica NV-SW-2824PG-M-4CU is a professional network switch characterized by a packet forwarding rate of 41.664Mpps, an 8K MAC address table, and 4M buffer memory.

The device is equipped with 24 Ethernet ports featuring automatic 10/100/1000Base-T(X) detection and MDI/MDI-X adaptation in full/half duplex mode, as well as 4 1000M Combo uplink ports combining SFP and RJ45 sockets (fiber modules are not included and must be ordered separately, with single/multi-mode, single/dual fiber, LC options). With dimensions of 440 * 190 * 44 mm and a weight of 3.3 kg, the design is housed in an IP40-rated enclosure providing lightning protection up to 6KV (8/20us) and complying with rigorous IEC standards for surge, ESD, and electromagnetic field resistance, as confirmed by numerous indicator lights for Link/Act ports, PoE, power supply, and system operation.

From the perspective of the installer and user, the switch guarantees high flexibility in network topology design and constant infrastructure monitoring thanks to dedicated status LEDs for each of the 28 Link/Act ports and 24 PoE ports.

The device supports port-based IEEE 802.1Q VLAN configuration (supporting 4K ports), static port aggregation, loop protection, and advanced multicast traffic handling using IGMP Snooping v1/v2 supporting up to 256 groups.

High mechanical and electrical reliability enables trouble-free operation across a wide operating temperature range from -20 to 55°C and relative air humidity from 10% to 90% non-condensing, while certifications such as CCC, CE (including CE/LVD EN60950), FCC Part 15 Class B, and RoHS confirm full safety of use in commercial and industrial environments.

The network administrator is provided with an intuitive Web management panel featuring secure HTTPS protocol support, a quick one-click settings restoration function, and a built-in cable status check mechanism.

The switch offers extensive full-duplex flow control options (IEEE802.3x), EEE (Energy Efficient Ethernet) energy-saving functions, DHCP Snooping, as well as detailed configuration of traffic statistics, port speeds, port mirroring, and QoS traffic prioritization (Diff-Serv, 8 output queues per port, 802.1p/DSCP priority mapping, and broadcast storm suppression). The device is powered by AC 100~240V (50-60Hz), consuming less than 10W in standby mode and under 300W at full PoE load.

DOCUMENTS

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POE SWITCH

NV-SW-0604P-XE-2FU

EAN: 5904708319967

Unmanaged PoE Switch (3x PoE 100M + 1x High-PoE 60W + 2x Uplink 100M)

KEY FEATURES

- PoE standard support on ports 1–4 with a maximum power of up to 30W on ports 1–3 and up to 60W on port 4
- DIP switch enabling quick configuration of AI Extend modes (transmission up to 300 meters), VLAN (port isolation), and PoE Watchdog (network auto restart)
- efficient architecture with a 1.2Gbps switching capacity, 0.89Mpps packet forwarding rate, 2K MAC address table, and 768K buffer memory
- advanced ESD electrostatic discharge protection ($\pm 8\text{kV}$ contact, $\pm 15\text{kV}$ air) and surge/lightning protection (Power: $\text{CM}\pm 4\text{kV}/\text{DM}\pm 2\text{kV}$, Port: $\pm 4\text{kV}$) with an IP30 enclosure protection rating
- universal desktop and wall-mounted installation options in a solid enclosure with dimensions of 195*130*40 mm and a weight of less than 0.8 kg.

The Nivica NV-SW-0604P-XE-2FU is an advanced Nivica network switch designed for reliable telecommunications installations and video surveillance systems.

The device features a total of 6 ports, including four 10/100Base-T/TX PoE ports (supporting IEEE802.3, IEEE802.3i, IEEE802.3u, and IEEE802.3x network standards) and 2 RJ45 Uplink ports dedicated to data transmission.

The design is based on high-performance components providing a Switching Capacity of 1.2Gbps, a Forwarding Mode packet rate of 0.89Mpps, a MAC address table capacity of 2K, and a 768K buffer memory.

The Ethernet ports support automatic 10/100Base-T(X) detection and full/half duplex MDI/MDI-X adaptive operation.

From the installer and user's perspective, the device offers high cabling and power supply flexibility.

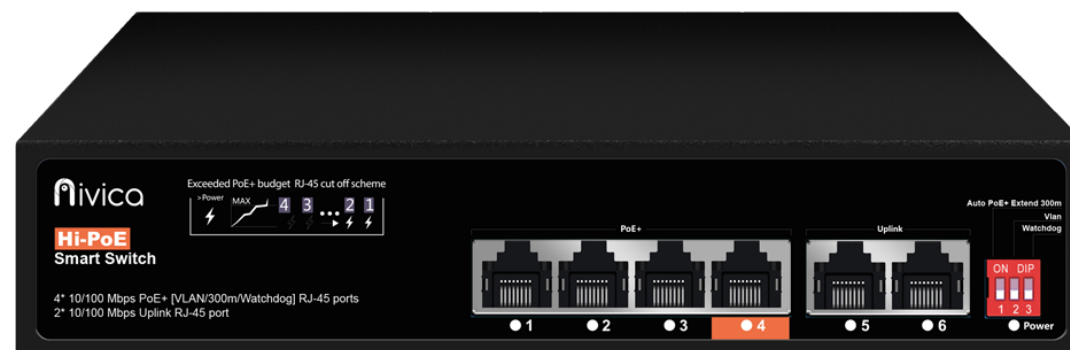
The switch supports twisted-pair transmission using Cat5 UTP up to 300 meters for the 10BASE-T standard and Cat5 or later UTP up to 100 meters for 100BASE-TX. Power supply pin assignment is defaulted to 1/2(+) and 3/6(-). The power budget per port is up to 30W/15.4W (max/average) for ports 1–3 and up to 60W/15.4W for port 4, with a total power supply budget of 65W (52VAC). The device is powered by a built-in AC100–240V (50–60Hz) power adapter and features low power consumption of less than 2W in standby mode and less than 65W at full load.

Compact dimensions (195*130*40 mm) and a low net weight of under 0.8 kg (gross <1.2 kg) allow for convenient desktop or wall mounting, while a wide operating temperature range from -20 to +55°C (and storage from -40 to +75°C) at 5%–90% RH (non-condensing) ensures stability in diverse environmental conditions.

Management of special features and operating modes from the administrator and installer perspective is performed in hardware using a built-in DIP switch, which supports default port prioritization.

The switch activates three key operating modes designated as E, V, and D: mode E (AI Extend) enables transmission over a distance of up to 300 meters with automatic speed change for a single port (limited to 10 Mbps), while other ports maintain 100M/1000M within 100 meters; mode V enables port isolation and VLAN support for ports 1–4; and mode D turns on the AI-PoE Network auto restart mode (PoE Watchdog function), which automatically resolves camera issues and reduces post-sale service costs.

Device operation status is indicated by LED lights for power (PWR in green) and network activity on ports 1–6 (Link/Act in green). High security standards are confirmed by rigorous surge protection norms IEC61000-4-5 (Power: $\text{CM}\pm 4\text{kV}/\text{DM}\pm 2\text{kV}$, Port: $\pm 4\text{kV}$) and electrostatic discharge resistance IEC61000-4-2 ($\pm 8\text{kV}$ contact, $\pm 15\text{kV}$ air), as well as CCC, commercial CE mark, CE/LVD EN60950, FCC Part 15 Class B, and RoHS certifications.

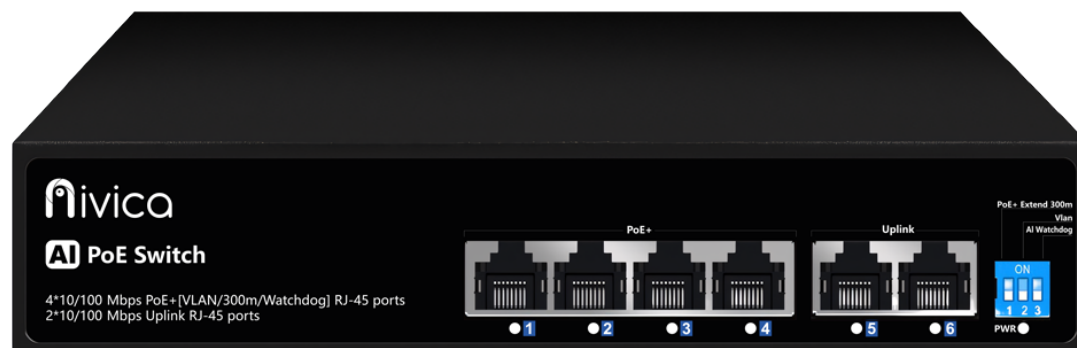


DOCUMENTS

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NV-SW-0604P-XWD-2FU

EAN: 5904708319981



DOCUMENTS

→ [Datasheet PDF](#) → [CE Declaration PDF](#) → [User Manual PDF](#)

Unmanaged PoE Switch with Extend Mode (4x PoE 100M + 2x Uplink 100M)

KEY FEATURES

- 4 PoE ports compliant with the IEEE802.3af/at standard with a total power budget of 60W
- Advanced AI EVD function (Extend up to 300m, VLAN isolation, and PoE Watchdog) controlled via a DIP switch switch
- High performance with a 1.2Gbps switching capacity and a 0.8928Mpps packet forwarding rate
- Comprehensive surge protection and ESD up to $\pm 15\text{kV}$ for air discharges
- Versatile desktop and wall-mounting options in a compact IP30-rated housing.

The Nivica NV-SW-0604P-XWD-2FU is an advanced network device operating in Store and Forward mode, featuring a MAC address table accommodating 2K entries and a 768K buffer memory.

The switch offers 4 10/100Mbps PoE ports and uplink ports, delivering a switching capacity of 1.2Gbps and a packet forwarding rate of 0.8928Mpps.

The device is powered by a built-in AC100-240V 50-60Hz power supply with a maximum power of 60W, where power consumption is less than 3W in standby mode and less than 60W under full load.

From the perspective of the installer and user, the switch stands out with flexible interfaces, including Ethernet ports supporting automatic 10/100Base-T(X) detection and full/half Duplex MDI/MDI-X adaptive modes, as well as a gigabit SFP port with the option to order dedicated single/multi-mode, single/dual-fiber LC fiber modules separately.

The device supports key network protocols such as IEEE802.3, IEEE802.3i, IEEE802.3u, and IEEE802.3x.

Thanks to its compact dimensions of 195 x 130 x 40 mm and net weight of less than 0.75 kg, the device can be easily mounted on both a desk and a wall.

A robust construction with an IP30 protection class and adaptation to work in temperatures from -20°C to $+55^{\circ}\text{C}$ guarantee trouble-free operation in harsh environmental conditions.

Administrators and installers are provided with intuitive management tools via a physical DIP switch switch that activates the EVD function, revolutionizing peripheral device handling.

Mode E (AI Extend) allows extending transmission up to 300 meters with single-port speed limited to 10Mbps while maintaining 100M on other ports within 100 meters; Mode V ensures independent port isolation and VLAN support; and Mode D activates the PoE Watchdog function (AI-PoE network auto restart), which automatically detects and resolves camera issues, reducing the need for after-sales service interventions.

A high level of operational security is ensured by advanced ESD protections ($\pm 8\text{kV}$ contact, $\pm 15\text{kV}$ air) and lightning/surge protection for the power supply ($\text{CM}\pm 4\text{kV}/\text{DM}\pm 2\text{kV}$) and ports ($\pm 4\text{kV}$), as confirmed by international certifications: CCC, CE mark commercial, CE/LVD EN60950, FCC Part 15 Class B, and RoHS.

Wireless CPE

WIRELESS CPE

NV-CPE5-O

EAN: 5904708319844

Outdoor 5GHz Wireless Bridge CPE

KEY FEATURES

- Support for Bridge Access Point and Bridge Client operation modes in Point-to-Point (PtP) and Point-to-Multipoint (PtMP) topologies for up to 8 devices
- Built-in dual-polarized directional panel antenna with a 14 dBi gain and a beamwidth of 60° in both horizontal and vertical planes
- High-performance 802.11a/n/ac radio technology offering a maximum transmission rate of up to 900 Mbps
- Two Ethernet ports comprising a gigabit 1x10/100/1000Mbps POE/WAN interface and a 1x10/100Mbps LAN port
- Power supply delivered via 24V Passive PoE or 24V DC, backed by 15KV ESD protection and 6KV Lightning Protection.

The NV-CPE5-O (Outdoor) is an advanced radio device based on a high-performance 580 MHz processor (MT7620DA+7612E chipset), supported by 64 MB of RAM and 8 MB of Flash memory.

Designed for compliant and reliable operation, the device supports the 5 GHz frequency band (including the outdoor-compliant UNII-2: 5.470-5.725 GHz range). Thanks to the use of OFDM modulation up to 256-QAM in the 802.11ac standard, the equipment ensures stable and efficient data transmission reaching speeds up to 900 Mbps.

The entire unit is housed in a compact enclosure with dimensions of 140 * 75 * 34 mm and a weight of 0.15 kg, designed for operation in harsh environmental conditions with operating temperatures from -30°C to 55°C and relative humidity up to 90% RH (non-condensing). The construction relies on an integrated dual-polarized 14 dBi directional panel antenna with radiation characteristics of H: 60° and V: 60°, enabling the establishment of reliable links in Point-to-Point (PtP) and Point-to-Multipoint (PtMP) topologies with support for up to 8 client devices.

In the physical layer, the device is equipped with two Ethernet ports: a gigabit POE/WAN port (1x10/100/1000Mbps) and an additional LAN port (1x10/100Mbps). The front panel features LED status indicators for power (PWR), the LAN port, and a three-level signal strength indicator (SIG1/SIG2/SIG3), as well as a clear numeric display showing digital pairing values or configuration, which works in conjunction with a multi-functional Digital Compound Button.

Device management is carried out via an intuitive Web-based remote management interface, supported by a default active Watchdog/Self-healing function and One-Key Connection technology for easy rapid pairing.

The device offers extensive wireless bridge configuration options, advanced network settings with support for DHCP and Static IP addressing, as well as system tools covering debugging, password changes, reboots, factory resets, and firmware upgrades.

Power is supplied via a remote 24V Passive PoE adapter (1A) or directly through a 24V DC (1A) connector, while a high level of outdoor installation reliability is guaranteed by built-in 15KV ESD protection and 6KV lightning protection.



DOCUMENTS

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Products Comparison

Image	Model	Wi-Fi	PoE Port	PoE Standard	PoE Budget	RJ45 Uplink Port	SFP / SFP+ Port	Bandwidth	Management	Power Supply	Power Consumption	Features	Chipset	RAM	Flash	Enclosure
	NV-AP6-O	Wi-Fi 6 (802.11ax)	1x 1Gbps (PoE-in)	802.3at (PoE+)	-	-	-	3000 Mbps	Cloud Managed	12V DC / PoE+	< 15W	Seamless Roaming, MU-MIMO	MT7981B + MT7976DA + GPY211	256MB DDR3	16MB SPI NOR	Outdoor IP65
	NV-AP7	Wi-Fi 7 (802.11be)	1x 1Gbps (PoE-in)	802.3at (PoE+)	-	-	-	5400 Mbps	Cloud Managed	12V DC / PoE+	< 20W	MLO, 4K-QAM, MU-MIMO	IPQ5312 + QCN6422 + QCA8081 + QCA8337	512MB DDR4	128MB NAND	Indoor Ceiling
	NV-CPE5-O	Wi-Fi 5 (802.11ac)	1x 100Mbps (PoE-in)	24V Passive PoE	-	-	-	867 Mbps	Web GUI	24V Passive PoE	< 10W	PTP/PTMP, 14dBi Directional	MT7620DA + 7612E	64MB	8MB	Outdoor IP65
	NV-FOP-03M-SM-SC LC	-	-	-	-	-	-	-	-	-	-	3m	-	-	-	-
	NV-INJ-60-G	-	1x 1Gbps (PoE-out)	802.3bt (PoE++)	60W	1x 1Gbps	-	-	-	100-240V AC	< 65W	Surge Protection	-	-	-	Desktop
	NV-ISW-0604PG-XE-2SU	-	4x 1Gbps (PoE-out)	802.3af/at	120W	-	2x 1Gbps SFP	12 Gbps	Unmanaged	48-52V DC	< 5W (bez PoE)	VLAN, AI-PoE, Extend 300m, DIN Rail	-	-	-	Industrial IP40
	NV-IPW-48-240	-	-	-	-	-	-	-	-	100-240V AC	240W (48V / 5A)	-	-	-	-	Desktop
	NV-SW-1008P-XE-2FU	-	8x 100Mbps (PoE)	802.3af/at	120W	2x 100Mbps	-	2.0 Gbps	Unmanaged	100-240V AC	< 5W (bez PoE)	VLAN, AI-PoE, Extend 300m	-	-	-	Desktop

Image	Model	Wi-Fi	PoE Port	PoE Standard	PoE Budget	RJ45 Uplink Port	SFP / SFP+ Port	Bandwidth	Management	Power Supply	Power Consumption	Features	Chipset	RAM	Flash	Enclosure
	NV-SW-1008P-XE-2GU	-	8x 100Mbps (PoE)	802.3af/at	120W	2x 1Gbps	-	5.6 Gbps	Unmanaged	100-240V AC	< 5W (bez PoE)	VLAN, AI-PoE, Extend 300m	-	-	-	Desktop
	NV-SW-1008PG-XE-2GU	-	8x 1Gbps (PoE)	802.3af/at	120W	2x 1Gbps	-	20 Gbps	Unmanaged	100-240V AC	< 5W (bez PoE)	VLAN, AI-PoE, Extend 300m	-	-	-	Desktop
	NV-SW-1916P-XE-2GU1SU	-	16x 100Mbps (PoE)	802.3af/at	250W	2x 1Gbps	1x 1Gbps SFP	9.2 Gbps	Unmanaged	100-240V AC	< 10W (bez PoE)	VLAN, AI-PoE, Extend 300m	-	-	-	1U Rackmount
	NV-SW-2016PG-XE-2GU2SU	-	16x 1Gbps (PoE)	802.3af/at	250W	2x 1Gbps	2x 1Gbps SFP	40 Gbps	Unmanaged	100-240V AC	< 10W (bez PoE)	VLAN, AI-PoE	-	-	-	1U Rackmount
	NV-SW-2724P-XE-2GU1SU	-	24x 100Mbps (PoE)	802.3af/at	300W	2x 1Gbps	1x 1Gbps SFP	10.8 Gbps	Unmanaged	100-240V AC	< 10W (bez PoE)	VLAN, AI-PoE, Extend 300m	-	-	-	1U Rackmount
	NV-SW-2824PG-M-4CU	-	24x 1Gbps (PoE)	802.3af/at	400W	4x Combo (RJ45/SFP)	4x Combo (RJ45/SFP)	56 Gbps	Managed (L2)	100-240V AC	< 15W (bez PoE)	VLAN, QoS, IGMP, SNMP	-	-	-	1U Rackmount
	NV-SW-0604P-XE-2FU	-	4x 100Mbps (PoE)	802.3af/at	65W	2x 100Mbps	-	1.2 Gbps	Unmanaged	100-240V AC	< 3W (bez PoE)	VLAN, AI-PoE, Extend 300m	-	-	-	Desktop
	NV-SP-5-12-B	-	-	802.3af/at	-	1x 10/100M In	-	-	-	PoE In	Out: 5V/2,4A	PoE Splitter	-	-	-	Dongle
	NV-SW-0604P-XWD-2FU	-	4x 100Mbps (PoE)	802.3af/at	60W	2x 100Mbps	-	1.2 Gbps	Unmanaged	100-240V AC	< 3W (bez PoE)	VLAN, AI-PoE, Extend 300m	-	-	-	Desktop
	NV-SW-2824G-L3-4XU	-	-	-	-	24x 1Gbps	4x 10G SFP+	598 Gbps	Managed (L3)	100-240V AC	< 25W	L3 Routing, OSPF, VRRP, IPv6	-	-	-	1U Rackmount