

Unmanaged Industrial switch

> 8 ports PoE 30W

> 2 Giga TP/SFP combo uplink

> IP66 | NEMA4 | IK08

The NSBox access Nodes are devised for the deployment of protected Outdoor Video Surveillance systems. The Nodes provide troubleproof operation of connected video cameras ranging from secure power supply, reliable data transmission, and protection of sensitive equipment from surges caused by lightning and grid power fluctuations. There is an ideal technological solution for time and money saving in any outdoor Video Surveillance projects for a large area ranging from highways, bridges, parking lots, airports, railways, sports facilities, hotels, parks, shopping malls, and construction sites.

The basic equipment of the NSBox-285 includes: Wall mounting brackets, Mounting plate with DIN rails, terminal blocks, a two-pole circuit breaker, an electrical grounding bar, a fan with a thermostat, a set of cable glands. These modules can also be included in the assembly:

- Unmanaged Industrial switch: uplink 2 Gigabit TP/SFP combo, 8 ports TP/1G PoE 30W for IP cameras;
- Power Supply 48VDC-360W or UPS NR-48VDC-360VA with mounting kit for batteries 7Ah x4;
- Climatic control system inside enclosure: thermostats, Fan Heater, Thermoelectric Cooler/ Assembly;
- Fiber Optic Distribution Frame (ODF) for connecting optical fibers with FC adapters, pigtails, patch cords;
- Lightning and surge protection for Ethernet PoE ports and power circuits 220VAC.

In order to include additional modules in assembling of Nodes needs to select Optional Accessories NSBon-xx.

The basic NSBox-285 models are: NSBox-285 | NSBox-285H | NSBox-285R | NSBox-285HR

NSBox-285 PX28F34F	Access Node: NSB-3040F1 enclosure with Fan, without Heater, with ODF; 48VDC-360W Power supply; NIS-3200-208PSG Switch: uplink 2 Gigabit TP/SFP combo, 8 ports TP/1G PoE 30W for IP cameras
NSBox-285H PX28F34H	Access Node: NSB-3040H1F1 enclosure with Fan Heater, with ODF; 48VDC-360W Power supply; NIS-3200-208PSG Switch: uplink 2 Gigabit TP/SFP combo, 8 ports TP/1G PoE 30W for IP cameras
NSBox-285R RX28F38F	Access Node: NSB-3838F1 enclosure with Fan, without Heater; UPS NR-48VDC-360VA with mounting kit for batteries 7Ah x4; NIS-3200-208PSG Switch: uplink 2 Gigabit TP/SFP combo, 8 ports TP/1G PoE 30W
NSBox-285HR RX28F38H	Access Node: NSB-3838H1F1 enclosure with Fan Heater; UPS NR-48VDC-360VA with mounting kit for batteries 7Ah x4; NIS-3200-208PSG Switch: uplink 2 Gigabit TP/SFP combo, 8 ports TP/1G PoE 30W

Technical Data



Input Voltage Power consumption	: 100 - 240VAC 500 W (no more)
Enclosure material (cabinet, door)	: Sheet steel, powder-coated
Protection category	: IP66 / NEMA4 IK08
Enclosure mounts	: Wall or pole mount with NSBon-01 kit
Operating temp.	: -40°C to +60°C
Dimensions (no cable glands)	: 300x400x210 or 380x380x210mm for R
Shipping weight (approx.)	: 12 kg 22 kg for R (with batteries)
Fiber Optic Distribution Frame (ODF)	: mounted with 4 FC adapters, pigtails, patch cords
Heater with thermostats (for H)	: NSBon-18 option, Fan Heater
Uninterruptible Power Supply (for R models)	: NR-48VDC-360VA with mounting kit for batteries 7Ah x4
Hardware specification	Unmanaged Industrial switch NIS-3200-208PSG
8x 10/100/1000Base-T RJ45 PoE 30W	Total PoE Budget 240W, PSE 30W/port, max 36W
2x 100/1000M TP/SFP Combo	Switch Fabric 21Gbps, 16K MAC, 2Mbit buffer
802.3at / 802.3af (PoE auto detection)	Redundant Power Input 48-56VDC

