

NSGate

Outdoor access Nodes NSBox NSBox-442

Unmanaged Industrial switch

> 4 ports PoE 30 | 60 | 90W > 2 SFP/1G + 2 TP/1G Uplink > PoE ports: 4x 60W | 2x 95W + 2x 30W

The NSBox access Nodes are devised for the deployment of protected outdoor Video Surveillance systems. The Nodes provide trouble proof operation of connected video cameras with a secure power supply, reliable data transmission, and protection of sensitive equipment from surges caused by lightning and power fluctuations. It is a perfect technology solution for time and money saving in any outdoor Video Surveillance projects for a large-scale area ranging from construction sites, parking lots, hotels, parks, shopping mall, sports facilities, airports, railways, bridges, and highways.

The basic equipment of the NSBox-442 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 SFP/1G + 2 TP/1G, 4 ports TP/1G High PoE 60W or 2x 30W + 2x 95W Ultra PoE;
- Power Supply 55VDC-360W or UPS NR-48VDC-360VA with mounting kit for batteries 7Ah x4;
- Climatic control system inside enclosure: thermostats, Fan Heater, Thermoelectric Cooler/ Assembly;
- Fibre-optic distribution frame (ODF), complete with SC/LC adapters, pigtails, patch cords, and a mounting kit;
- 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-442 models are: NSBox-442 | NSBox-442H | NSBox-442R | NSBox-442HR

NSBox-442 PX30F38F	Access Node: NSB-3838F1 enclosure with Fan, without Heater, with ODF; 55VDC-360W Power supply; NIS-3200-464PSG Switch: uplink 2 SFP/1G + 2 TP/1G, 4 ports TP/1G High PoE 60W or 2x 30W + 2x 95W Ultra PoE
NSBox-442H PX30F38H	Access Node: NSB-3838H1F1 enclosure with Fan Heater; 55VDC-360W Power supply; NIS-3200-464PSG Switch: uplink 2 SFP/1G + 2 TP/1G, 4 ports TP/1G High PoE 60W or 2x 30W + 2x 95W Ultra PoE
NSBox-442R RX30F38F	Access Node: NSB-3838F1 enclosure with Fan, without Heater; UPS NR-48VDC-360VA (4x 7Ah); NIS-3200-464PSG Switch: uplink 2 SFP/1G + 2 TP/1G, 4 ports TP/1G PoE 60W or 2x 30W + 2x 95W
NSBox-442HR RX30F38H	Access Node: NSB-3838H1F1 enclosure with Fan Heater; UPS NR-48VDC-360VA with mounting kit for batteries 7Ah x4; NIS-3200-464PSG Switch: uplink 2 SFP/1G + 2 TP/1G, 4 ports TP/1G PoE 60W or 2x 30W + 2x 95W

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)	: 380 x 380 x 210 mm
Shipping weight (approx.)	: 12 kg 22 kg for R (with batteries)
Fibre-optic distribution frame (ODF)	: complete with SC/LC 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-3200-464PSG
4x 10/100/1000Base-T RJ45 PoE 30 60 90W	PoE ports: 4x 60W 2x 95W + 2x 30W
2x 10/100/1000Base-T RJ45	Total PoE Budget 240W, Power Input 54-56VDC
2x 100/1000M SFP slots	Switch Fabric 16Gbps, 8K MAC, Jumbo Frame 9Kb

