

Unmanaged Industrial switch

> 4 ports PoE 30W

> 1 SFP/1G + TP/SFP combo

> Built-in Voltage Booster 24-56VDC

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-245 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 1 SFP/1G + TP/SFP combo, 4 ports TP/1G PoE 30W;
- Power Supply 48VDC-150W or UPS CR-48VDC-155VA with mounting kit for batteries 2.2Ah 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-245 models are: NSBox-245 | NSBox-245H | NSBox-245R | NSBox-245HR

NSBox-245 PX35F34F	Access Node: NSB-3040F1 enclosure with Fan, without Heater, with ODF; 48VDC-150W Power supply; NIS-3200-205PSG Switch: uplink 1 SFP/1G + TP/SFP combo, 4 ports TP/1G PoE 30W for IP cameras
NSBox-245H PX35F34H	Access Node: NSB-3040H1F1 enclosure with Fan Heater, with ODF; 48VDC-150W Power supply; NIS-3200-205PSG Switch: uplink 1 SFP/1G + TP/SFP combo, 4 ports TP/1G PoE 30W for IP cameras
NSBox-245R RX35F38F	Access Node: NSB-3838F1 enclosure with Fan, without Heater; UPS CR-48VDC-155VA with mounting kit for batteries 2.2Ah x4; NIS-3200-205PSG Switch: uplink 1 SFP/1G + TP/SFP combo, 4 ports TP/1G PoE 30W
NSBox-245HR RX35F38H	Access Node: NSB-3838H1F1 enclosure with Fan Heater; UPS CR-48VDC-155VA with mounting kit for batteries 2.2Ah x4; NIS-3200-205PSG Switch: uplink 1 SFP/1G + TP/SFP combo, 4 ports TP/1G PoE 30W

Technical Data



Input Voltage Power consumption	: 100 - 240VAC 300 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 17 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)	: CR-48VDC-155VA with mounting kit for batteries 2.2Ah x4
Hardware specification	Unmanaged Industrial switch NIS-3200-205PSG
4x 10/100/1000Base-T RJ45 PoE 30W	Total PoE Budget 120W, PSE 30W/port, max 36W
1x 100/1000M RJ45/SFP Combo	Switch Fabric 12Gbps, 8K MAC, 1Mbit buffer
1x 100/1000M SFP slot	NIS-3200-205PSG: Power Supply 48-56VDC
802.3at / 802.3af (PoE auto detection)	NIS-3200-205PSGB: 24-56VDC; Built-in VDC Booster

