

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 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-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;
- 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-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)
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)	: CR-48VDC-155VA with mounting kit for batteries 2.2Ah x4
<b>Hardware specification</b>	<b>Unmanaged Industrial switch NIS-3200-205PSG</b>
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

