

Unmanaged Industrial switch

> Only copper RJ45 ports > 4 ports PoE 30W + 1 TP/1G > Predefined for wireless AP | 4G LTE routers

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-123 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 TP/1G, 4 ports TP/1G PoE 30W;
- Power Supply 48VDC-100W; UPS CR-48VDC-155VA with mounting kit for batteries 7Ah x4;
- Climatic control system inside enclosure: thermostats, fan, Fan Heater;
- Lightning and surge protection for Ethernet PoE ports and power circuits 220VAC;
- NSBon-47: Active to Passive PoE Converter, Input 802.3af/at/bt PoE | Output 24V Passive PoE;
- NSBon-61: Industrial 4G LTE Cellular Router: 1 WAN, 1 LAN, 1 RS232, DI/DO, 1 micro SIM Slot.

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

NSBox-xxxxR with UPS are delivered without preset Batteries, only mounting kit for Batteries 7 | 15 | 45Ah is included.

The switch installed in the NSBox-123 has no fiber optical ports, only copper ports. Therefore, for the traffic transmission, wireless communication is used, ranging from access points, nodes of the Ubiquiti UniFi / airMAX series, and to Industrial 4G LTE Cellular Routers.

The basic NSBox-123 models are: NSBox-123 | NSBox-123R | NSBox-123L (LTE)

NSBox-123 PX45W33F	Access Node: NSB-3030 enclosure with Fan, without Heater, without ODF; 48VDC-100W Power supply; NIS-3200-115PSG Switch: uplink 1 TP/1G, 4 ports TP/1G PoE 30W for IP cameras; Reboot PDs
NSBox-123R RX45W38F	Access Node: NSB-3838 enclosure with Fan, without Heater, without ODF; UPS CR-48VDC-155VA with mounting kit for batteries 7Ah x4; NIS-3200-115PSG Switch: uplink 1 TP/1G, 4 ports TP/1G PoE 30W; Reboot PDs
NSBox-123L PX45L33F	Access Node: NSB-3030 enclosure with Fan, without Heater, without ODF; 48VDC-100W Power supply; NIS-3200-115PSG Switch: uplink 1 TP/1G, 4 ports TP/1G PoE 30W; Reboot PDs; NSBon-61 4G LTE router

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)	: 300x300x210; 380x380x210 mm for R
Shipping weight (approx.)	: 8 kg 15 kg for R (with batteries)
Heater with thermostats (for H)	: NSBon-18 option, Fan Heater
UPS (NSBox-123R)	: CR-48VDC-155VA with mount kit for batteries 7Ah x4

Hardware specification	Unmanaged Industrial switch NIS-3200-115PSG
4x 10/100/1000T PoE 30W + 1 TP/1G	PSE 30W/port, support PoE Auto-check function
Alarm: PoE off, power off, network broken	Redundant Power Input 48-56VDC

Applications

Remote or temporary video surveillance sites
Wireless app: Ubiquiti UniFi, airMAX | 4G LTE

