

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 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-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

