NSGate

> 4 ports PoE 30W + 1 TP/1G   > Ready for wireless 4G | LTE   > Predefined for a variety of Solar Powered applications

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-124 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 Booster 24-56VDC
- Power Supply 48VDC-100W; UPS DR-24VDC-240VA with mounting kit for batteries 15Ah x2;
- Climatic control system inside enclosure: thermostats, fan, Fan Heater;
- Lightning and surge protection for Ethernet PoE ports and power circuits 220VAC;
- NSBon-61: Industrial 4G LTE Cellular Router: 1 WAN, 1 LAN, 1 RS232, DI/DO, 1 micro SIM Slot;
- Solar charge controller NSBon-51: 20A 24V, relay, mounting installation kit.

   The switch installed in the NSBox-124 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 models are: NSBox-124R | NSBox-124S-30 | NSBox-124SL-30 | NSBox-p124S-30 | NSBox-124S-90

NSBox-124R RX44W38F	Access Node: NSB-3838 enclosure with Fan, without Heater, without ODF; UPS DR-24VDC-240VA with mounting kit for batteries 15Ah x2; NIS-3200-115PSG Switch: 1 TP/1G + 4x TP/1G PoE 30W, NSBon-48 Booster; Reboot PD
NSBox-124S-30 SX44W38F	Access Node: NSB-3838 enclosure with Fan, without Heater; UPS DR-24VDC-240VA with mounting kit for batteries 15Ah x2; NIS-3200-115PSG Switch, NSBon-48 Booster; NSBon-51 Solar charge controller; Reboot PD
NSBox-124SL-30 SX44W38F	Access Node: NSB-3838 enclosure with Fan; UPS DR-24VDC-240VA with mounting kit for batteries 15Ah x2; NIS-3200-115PSG Switch, NSBon-48 Booster; NSBon-51 Solar charge controller; NSBon-61 4G LTE router; Reboot PD
NSBox-p124S-30 UX44W44F	Access Node: NSP-4040 Polyester enclosure with Fan, without Heater; UPS DR-24VDC-240VA with mounting kit for batteries 15Ah x2; NIS-3200-115PSG Switch, NSBon-48 Booster; NSBon-51 Solar charge controller; Reboot PD
NSBox-124S-90 SX44W36F	Access Node: NSB-3860H2 enclosure with Fan, without Heater; UPS DR-24VDC-240VA with mounting kit for batteries 45Ah x2; NIS-3200-115PSG Switch, NSBon-48 Booster; NSBon-51 Solar charge controller; Reboot PD

Technical Data		
	Input Voltage | Power consumption	: 100 - 240VAC | 300 W (no more)
	Enclosure material (cabinet, door)	: Sheet steel, powder-coated; Polyester (GRP)
	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)	: 380x380x210; 400x400x200 or 380x600x210mm
	Shipping weight (approx.)	: 15 kg | 22 kg | 30 kg for R (with batteries)
	Power Booster 24-56VDC	: 24-56VDC Input | 48-55VDC Output; 72W booster power
	Uninterruptible Power Supply	: DR-24VDC-240VA with mount kit for batteries 15/45Ah x2

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
Relay alarm: PoE off, power off, network broken	Redundant Power Input 48-56VDC; Power Booster