

Unmanaged Industrial switch

> 4 ports PoE 30W

> 2 SFP/1G Uplink

> IP66 | NEMA4 | IK08

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-242 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 2 SFP/1G, 4 ports TP/1G PoE 30W;
- Power Supply 48VDC-150W or UPS CR-48VDC-155VA with mounting kit for batteries 7Ah 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-242 models are: NSBox-242 | NSBox-242H | NSBox-242R | NSBox-242HR

NSBox-242 PX33F34F	Access Node: NSB-3040F1 enclosure with Fan, without Heater, with ODF; 48VDC-150W Power supply; WI-PS306GF-I Switch: uplink 2 SFP/1G, 4 ports TP/1G PoE 30W for IP cameras
NSBox-242H PX33F34H	Access Node: NSB-3040H1F1 enclosure with Fan Heater, with ODF; 48VDC-150W Power supply; WI-PS306GF-I Switch: uplink 2 SFP/1G, 4 ports TP/1G PoE 30W for IP cameras
NSBox-242R RX33F38F	Access Node: NSB-3838F1 enclosure with Fan, without Heater, with ODF; UPS CR-48VDC-155VA with mounting kit for batteries 7Ah x4; WI-PS306GF-I Switch: uplink 2 SFP/1G, 4 ports TP/1G PoE 30W for IP cameras
NSBox-242HR RX33F38H	Access Node: NSB-3838H1F1 enclosure with Fan Heater, with ODF; UPS CR-48VDC-155VA with mounting kit for batteries 7Ah x4; WI-PS306GF-I Switch: uplink 2 SFP/1G, 4 ports TP/1G PoE 30W for IP cameras

### 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   22 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 7Ah x4
<b>Hardware specification</b>	<b>Unmanaged Industrial switch WI-PS306GF-I</b>
4x 10/100/1000Base-T RJ45 PoE 30W	Total PoE Budget 120W, PSE 30W/port
2x 100/1000M SFP slot	Switch Fabric 12Gbps, 8K MAC, Jumbo Frame 10Kb
802.3at / 802.3af (PoE auto detection)	Redundant Power Input 48-56VDC

