

Unmanaged Industrial switch

> 4 ports PoE 30W > 2 SFP/1G Uplink > Polyester electrical enclosure IP66 | NEMA4 | IK10

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.

Glass Reinforced Polyester enclosures, NSP-xyxy series are used for NSBox-p242 access Nodes. The basic equipment 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. NSBox-xxxxR with UPS are delivered without preset Batteries, only mounting kit for Batteries 7 | 15 | 45Ah is included.

The basic NSBox-p242 models are: NSBox-p242 | NSBox-p242H | NSBox-p242R | NSBox-p242HR

NSBox-p242 GX33F34F	Access Node: NSP-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-p242H GX33F34H	Access Node: NSP-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-p242R UX33F44F	Access Node: NSP-4040F1 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-p242HR UX33F44H	Access Node: NSP-4040H1F1 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)	: Glass Reinforced Polyester (GRP)
	Protection category	: IP66 / NEMA4 IK10
	Enclosure mounts	: Wall or pole mount with NSBon-01 kit
	Operating temp. with thermal insulation	: -40°C to +60°C -50°C to +60°C
	Dimensions (no cable glands)	: 300x400x200 or 400x400x200mm for R
	Shipping weight (approx.)	: 10 kg 18 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
	Hardware specification	Unmanaged Industrial switch WI-PS306GF-I
	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

