NSGate

> 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 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.

Glass Reinforced Polyester enclosures, NSP-xxyy 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;
 - Fibre-optic distribution frame (ODF), complete with SC/LC adapters, pigtails, patch cords, and a mounting kit;
 - 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)
Fibre-optic distribution frame (ODF)	: complete with SC/LC 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