NSGate

Outdoor access Nodes NSBox
NSBox-222 | 223

> PoE ports 30 | 60W	> SFP/1G + TP/1G Uplink	> Built-in Voltage Booster 24-56VDC

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-222 | 223 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 with voltage Booster 24-56VDC: 1 SFP/1G + 1 TP/1G, 2 ports TP/1G PoE 30W;
- Power Supply 24/48VDC-100W or UPS DR-24VDC-240VA with mounting kit for batteries 15Ah x2;
- 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-222 PX42F33F	Access Node: NSB-3030F1 enclosure with Fan, without Heater, with ODF; 24VDC-100W Power supply; NIS-3200-232PSGB Switch: uplink 1 SFP/1G + 1 TP/1G, 2 ports TP/1G PoE 30W for IP camera
NSBox-223 PX46F33F	Access Node: NSB-3030F1 enclosure with Fan, without Heater, with ODF; 48VDC-100W Power supply; NIS-3200-361PSG Switch: uplink 1 SFP/1G + 2 TP/1G, 1 port TP/1G High-Power PoE 60W for IP camera

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 or 380x380x210mm for R
Shipping weight (approx.)	: 8 kg | 15 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)	: DR-24VDC-240VA with mounting kit for batteries 15Ah x2

Hardware specification	Unmanaged Industrial switch NIS-3200-232PSGB
2x 10/100/1000Base-T RJ45 PoE 30W	Total PoE Budget 65W, PSE 30W/port, max 30W
1x 10/100/1000Base-T RJ45	Switch Fabric 6Gbps, 8K MAC, 1Mbit buffer
1x 100/1000M SFP slot	Redundant Power Input: 24-56 VDC; Built-in VDC Booster

Hardware specification	Unmanaged Industrial switch NIS-3200-361PSG
1x 10/100/1000Base-T RJ45 PoE 60W	Total PoE Budget 65W, PSE 60W/port
2x 10/100/1000Base-T RJ45	Switch Fabric 6Gbps, 8K MAC, 1Mbit buffer
1x 100/1000M SFP slot	Redundant Power Input: 48-56 VDC