

Unmanaged Industrial switch

> 4 ports PoE 30 | 60 | 90W > 2 SFP/1G + 2 TP/1G Uplink > PoE ports: 4x 60W | 2x 95W + 2x 30W

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-442 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 + 2 TP/1G, 4 ports TP/1G High PoE 60W or 2x 30W + 2x 95W Ultra PoE;
- Power Supply 55VDC-360W or UPS NR-48VDC-360VA 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, pigtailed, 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-442 models are: NSBox-442 | NSBox-442H | NSBox-442R | NSBox-442HR

NSBox-442 PX30F38F	Access Node: NSB-3838F1 enclosure with Fan, without Heater, with ODF; 55VDC-360W Power supply; NIS-3200-464PSG Switch: uplink 2 SFP/1G + 2 TP/1G, 4 ports TP/1G High PoE 60W or 2x 30W + 2x 95W Ultra PoE
NSBox-442H PX30F38H	Access Node: NSB-3838H1F1 enclosure with Fan Heater; 55VDC-360W Power supply; NIS-3200-464PSG Switch: uplink 2 SFP/1G + 2 TP/1G, 4 ports TP/1G High PoE 60W or 2x 30W + 2x 95W Ultra PoE
NSBox-442R RX30F38F	Access Node: NSB-3838F1 enclosure with Fan, without Heater; UPS NR-48VDC-360VA (4x 7Ah); NIS-3200-464PSG Switch: uplink 2 SFP/1G + 2 TP/1G, 4 ports TP/1G PoE 60W or 2x 30W + 2x 95W
NSBox-442HR RX30F38H	Access Node: NSB-3838H1F1 enclosure with Fan Heater; UPS NR-48VDC-360VA with mounting kit for batteries 7Ah x4; NIS-3200-464PSG Switch: uplink 2 SFP/1G + 2 TP/1G, 4 ports TP/1G PoE 60W or 2x 30W + 2x 95W

	Technical Data	Input Voltage Power consumption	: 100 - 240VAC 500 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)	: 380 x 380 x 210 mm	
	Shipping weight (approx.)	: 12 kg 22 kg for R (with batteries)	
	Fiber Optic Distribution Frame (ODF)	: mounted with 4 FC adapters, pigtailed, patch cords	
	Heater with thermostats (for H)	: NSBon-18 option, Fan Heater	
	Uninterruptible Power Supply (for R models)	: NR-48VDC-360VA with mounting kit for batteries 7Ah x4	
	Hardware specification	Unmanaged Industrial switch NIS-3200-464PSG	
	4x 10/100/1000Base-T RJ45 PoE 30 60 90W	PoE ports: 4x 60W 2x 95W + 2x 30W	
	2x 10/100/1000Base-T RJ45	Total PoE Budget 240W, Power Input 54-56VDC	
2x 100/1000M SFP slots	Switch Fabric 16Gbps, 8K MAC, Jumbo Frame 9Kb		

