

# Outdoor Video Surveillance systems NSBox-LTE

## NSBox with embedded 4G LTE Router

> Harsh environments and protection category IP66

> 4G | LTE | Wi-Fi Uplink



Access Nodes of the NSBox-LTE series use 4G / LTE cellular uplink. In video surveillance networks, guaranteed bandwidth is required to transmit traffic from cameras in real time. The amount of information transmitted is very large. This is not a barrier to fiber optic data transmission lines, but can be a problem when using communication channels provided by cellular operators. To avoid the difficulties associated with transferring large amounts of data in real time, a compact NVR should be added to NSBox-LTE access Nodes, which acts as intermediate storage or buffer for video recordings.

Accordingly, there is no need for round-the-clock video transmission in real time. Video recordings can be transferred from the NVR upon request. Naturally, the ability to access video cameras in real time remains, and the operator can obtain an image from any video camera connected to the access node.

As models for the NSBox-LTE application, you can use any standard or customized NSBox access Node models by adding a wireless 4G LTE router and NVR to the configuration, if necessary. The optimal choice can be compact special models NSBox-121 | NSBox-122 without ODF (Fiber Optic distribution Frame), in which there are 3-port switches with support for two or one PoE port with a capacity of 30W or 60W.

- NSBox-121: NSB-3030 enclosure; 24VDC-100W Power supply; switch NIS-3200-231PSGB: Uplink 2 TP/1G, 1 port TP/1G PoE 30W
- NSBox-122: NSB-3030 enclosure; 24VDC-100W Power supply; switch NIS-3200-132PSGB: Uplink 2 TP/1G, 1 port TP/1G PoE 30W

There are a choice of three models of 4G LTE routers. Each has one or two SIM Card slots with FDD LTE / TDD LTE / WCDMA / GSM / LTE Cat4 support.

### LTE Cellular Routers

- NSBon-61: Industrial 4G LTE Router: 1 WAN, 1 LAN, 1 RS232, DI/DO, 1 micro SIM Slot
- NSBon-62: Industrial 4G LTE Router: 1 WAN, 1 LAN, 2 RS232, DI/DO, 2 SIM Card Slots
- NSBon-63: Industrial 4G LTE Router: 1 WAN, 3 LAN, 2 RS232, DI/DO, 2 SIM Card Slots
- NSBon-59: Antenna with bracket: GSM 900/1800 | 4G LTE/ 3G/ WiMax | Wi-Fi, 3m cable

There are a choice of two models of compact NVR. As a result, are obtained NSBox-LTE models for various applications. For extended NSBox-LTE applications, access Nodes can be used with a large number of PoE ports, with microclimate support inside the cabinet, using Uninterruptible Power Supplies with back up time up to 20 hours.

NSBox-121LN Access Node with embedded 4G LTE router NSBon-61/62/63 and NVR NSBon-45/44

NSBox-122L Access Node with embedded 4G LTE router NSBon-61/62/63, without NVR

