

InternetBridge-NT

Internet Module

Datasheet

Product description

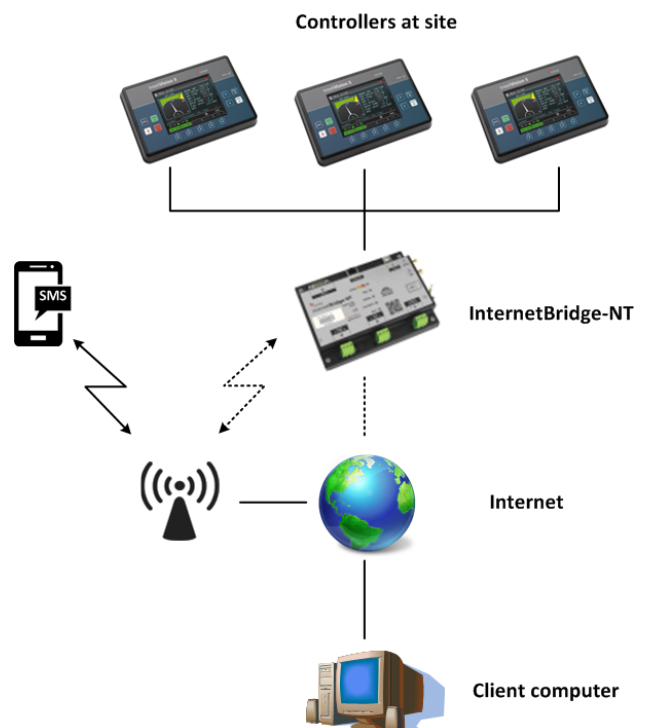
InternetBridge-NT is a communication module that allows connection of a single controller as well as whole site to the Internet or Local area network. The connection to the Internet can be via built-in cellular modem supporting 2G and 3G networks or Ethernet cable. The built-in GPS receiver also enables location and tracking of the device via WebSupervisor.

Key features

- Wired Internet connection via ethernet port
- Wireless Internet connection via integrated 2G/3G cellular modem
- 4-band 2G and 5-band 3G integrated modem allows global usage
- Tracking and time synchronization via integrated GPS receiver
- Active e-mails and SMS
- ComAp Direct IP or AirGate connection
- Web SCADA interface
- MODBUS/TCP, SNMP
- Metal housing with DIN-rail mount



Application overview



Technical data

Width x Height x Depth	180x130x45mm
Weight	450g
Power supply range	8-36VDC, negative grounded
Power consumption	400mA@8V; 120mA@36V
Peak power consumption	cca 1,5A@8V; 0,5A@36V
Operating temperature	-20 to +60°C (-4 to 140°F)
Storage temperature	-40 to +80°C (-40 to 176°F)

Controller interfaces

RS-232	D-SUB9
RS-485	Galvanically separated, built-in balancing and terminating resistors activated by jumper
CAN	Galvanically separated, built-in balancing and terminating resistors activated by jumper

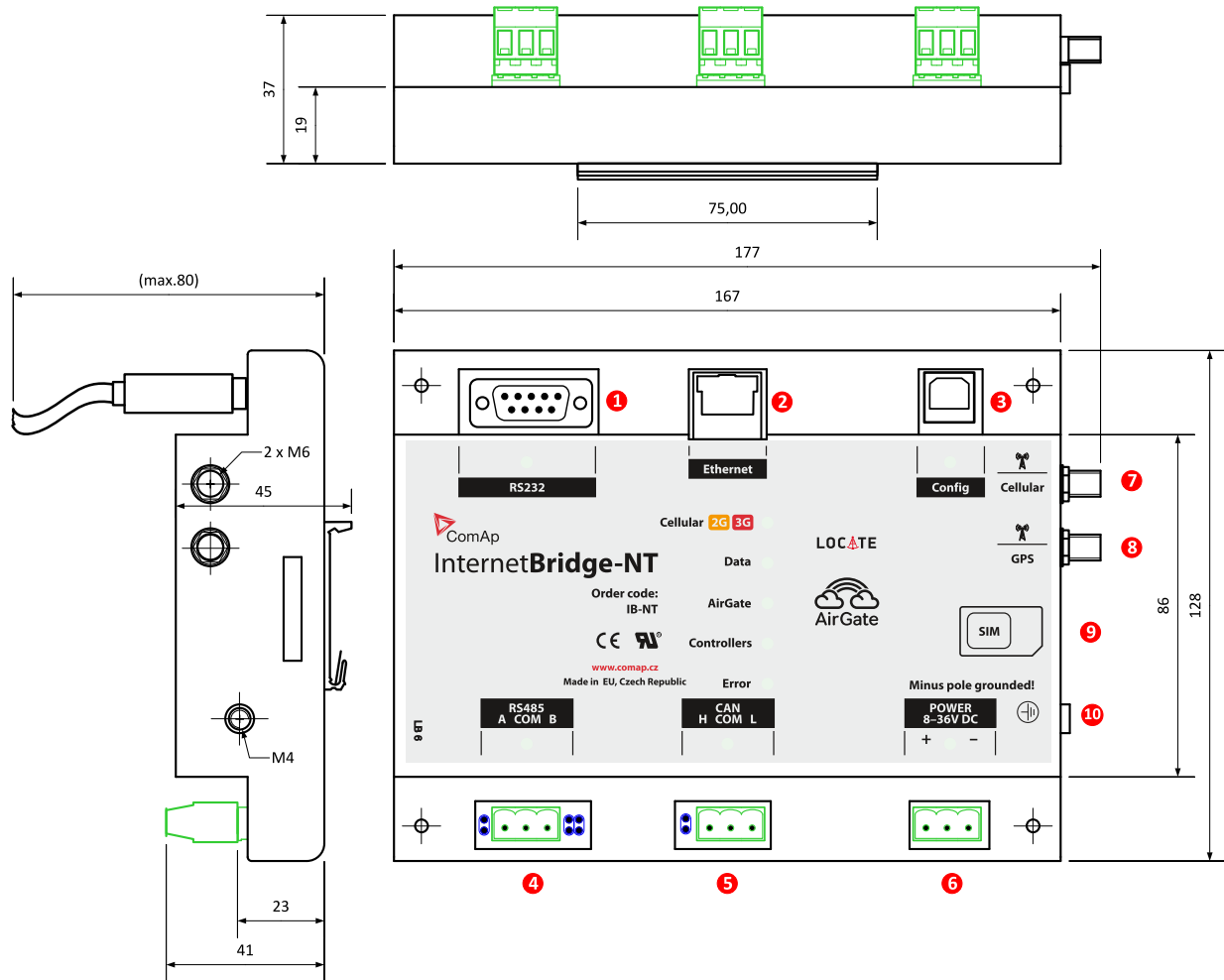
Network interfaces

Cellular modem	2G/3G, standard-size SIM
Ethernet	RJ45, 100Mbit/s

Cellular modem

Cellular modem capabilities	GPRS,EGPRS,UMTS,HSPA
Cellular modem GPRS bands	850,900,1800,1900MHz
Cellular modem UMTS bands	800,850,1700,1900,2100MHz
Cellular antenna connector	SMA, female
GPS antenna connector	SMA, female

Dimensions, terminals and mounting



- ① RS-232 port for single controller connection
- ② Ethernet port for wired LAN/Internet connection
- ③ USB port for device configuration

Note: USB port is used only for device configuration. It does not allow controller monitoring.

- ④ RS485 port for multiple controllers connection
- ⑤ CAN interface for multiple controllers connection
- ⑥ Power supply connector
- ⑦ Cellular antenna connector
- ⑧ GPS antenna connector
- ⑨ SIM card holder
- ⑩ Grounding screw

Note: The device body is internally connected to the negative pole of the power supply.

Related products

Product	Description	Order code
IntelGen ^{NT}	Sophisticated high-end range gen-set controller for single and multiple gen-sets operating in standby or parallel modes	IntelGen NT
IntelSys ^{NT}	Premium gen-set controller designed for complex generator (standby and parallel) and cogeneration (CHP) applications involving single and multiple gen-sets	IntelSys NT

Note: You can find all related manuals and materials for InternetBridge-NT at <http://www.comap.cz/products/detail/InternetBridge-NT/>

Certificates and standards

<ul style="list-style-type: none"> • IEC 60068-2-6 • IEC 61000-4-2 • IEC 61000-4-4 • IEC 61000-4-5 • IEC 61000-4-6 • IEC 60068-2-27 	
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