

SPECIFICATIONS



MOD. 74 Rev.01
Date: 16/04/2018
Page 1 di 4

5IG-040
4G.next

DESCRIPTION

4G LTE/UMTS/GSM gateway with female DB-9 connector for data transmission and SMS forwarding

IMAGE



SPECIFICATIONS



MOD. 74 Rev.01
Date: 16/04/2018
Page 2 di 4

5IG-040
4G.next

FUNCTIONS

Voice calls
Data transmission (RS-232, RS-485 and CAN-bus standards)
Text messages transmission by devices wired into the DB-9 connector under RS-232 or CAN-bus standard
Local programming via telephone (DTMF tones)
SMS remote programming
Reading of programming codes via SMS
Caller number display service
Automatic country setting
CLIP / CLIR
Roaming service management
Battery check (low/dead/replaced battery notification via SMS)
External power failure control (failure/restore notification via SMS)
4G LTE/UMTS/GSM network check (restore notification via SMS)
Relay-based notification of external power failure
Relay-based notification of 4G LTE/UMTS/GSM network loss
Automatic converter of selected telephone number
Signal level check via local telephone or via SMS
Programmable telephone line voltage
Adjustable reception and transmission levels
Customizable timeout of post dialing
Automatic reboot under prolonged 4G LTE/UMTS/GSM signal absence
Remote reboot
Firmware update OTA

SPECIFICATIONS



MOD. 74 Rev.01
Date: 16/04/2018
Page 3 di 4

5IG-040
4G.next

TECHNICAL FEATURES

Module: 4G LTE/UMTS/GSM Dual Band

4G LTE/UMTS/GSM signal indicator LED: green

4G LTE/UMTS/GSM signal indicator flash: 1, 2, 3 or 4 for low, medium, good, high signal level

Status indicator LED: red

Line status indicator LED (FXS output: clear, engaged, ring) / Data transmission indicator LED: white

Power supply status indicator LED: blue

SIM card slot: 2FF, built-in

Telephone line connection: terminal block or connector RJ-11

Relay input: 24V 1A

Female DB-9 connector for data transmission (RS-232, RS-485 and CAN-bus standard)

Micro USB A/B port for direct connection to the module

Antenna connector: SMA/f

Antenna: magnetic base antenna with cable (2 m) and SMA/m connector

Power adapter: input 230 Vac 50 Hz; output 12 Vdc 500 mA

POWER SUPPLY

Power supply: from 10 V to 17V (dc)

Power supply input: terminal block 12 Vdc / jack for 230 Vac external adapter

Back up battery: NiMH 800 mAh 7,2 V

Expected operation time with a new battery in idle state: 8 hours

Expected operation time with a new battery in conversation state: 1 hour

DIMENSIONS

Dimensions (antenna not included): 140x96x28 mm

Weight: 220 g

SPECIFICATIONS



MOD. 74 Rev.01
Date: 16/04/2018
Page 4 di 4

5IG-040
4G.next

ABSORPTIONS

Power supply	12 Vdc	12 Vdc
	(back up battery not connected)	(back up battery connected)
Telephone handset hung up	40 mA	60 mA
Telephone handset lifted	80 mA	100 mA
Conversation	130 mA	150 mA
Data transmission	90 mA	110 mA

COMES WITH

4G.next gateway

Antenna: magnetic base antenna with cable (2 m)

Adapter 230 Vac / 12 Vdc

Telephone connection cable: 2 m

Screws

User manual