RF MODULE

- Radio module with three different functions:

  Transcoder

  - Direct connection to the RS485 interface of the reference SDAM-MED or SDAL-MED unit.
  - Direct connection to the subnetwork that includes the Master unit
  - Direct connection to the subnetwork that includes Slave units only.

  Extender (max 2 units for each mixed local network)

  - Connection to subnetwork that includes the Master unit and an RFmodule configured as transcoder.

  Repeater (max 2 units for each mixed local network)

  - Coverage improvement among subnetwork located in shaded areas.

- Up to 4 different SDAMNet Plus networks in the same area

Typical application:

-Total or partial wireless connection of SDAM-MED and SDAL-MED units in the same SDAMNet Plus local network

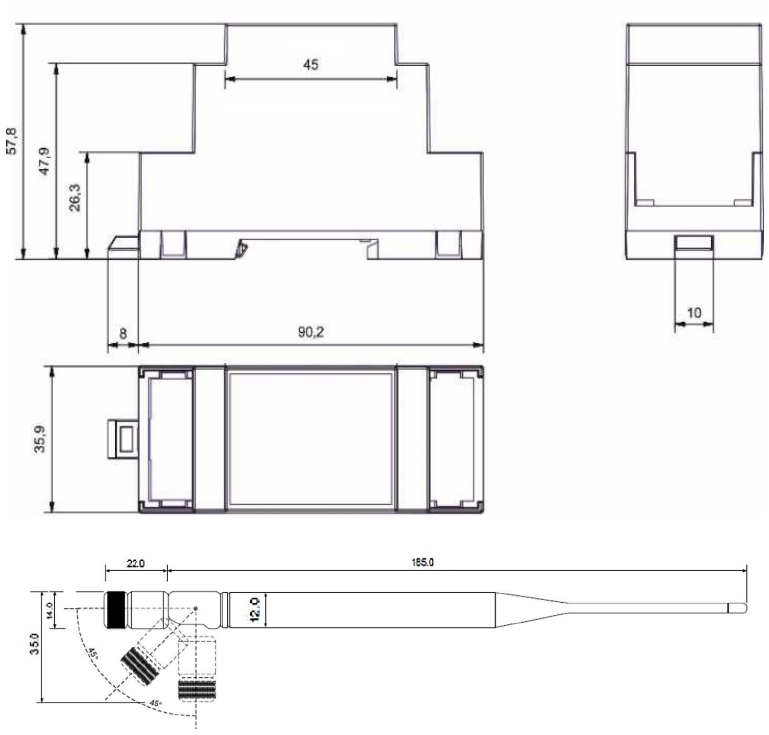
Interface RS485 – LoRaWan for SDAM-MED and SDAL-MED units

HOSPITAL ALARMS

TECHNICAL SPECIFICATIONS

Power supply	10-28 Vdc -20 mA max
Visual indications	Power ON/RX: LED Ø 5 mm, green TX: LED Ø 5 mm, blue
Tx power	100 mW @ 868 Mhz
Typical coverage	~5 Km on sight, with 3dBi antenna
Housing	Plastic 2 modules DIN rail (EN 60715) in accordance with DIN 43380, PVC, dim. 36x90x(h)58 mm, IP34
Local network interface	Isolated bidirectional RS485 protocol SDAMNet Plus
Weight	150 g
Operating temperature	-20…70 °C
Reference standards and directives	ETSI EN 300 220-1 V2.4.1

DIMENSIONS



dimensions in mm

PRODUCT CODES

CODE	DESCRIPTION
0050-12-010	**RF MODULE 100mW 868MHz FOR SDAMNet Plus**: Radio module LoRa for local network RS485, power 100mW, frequency 868MHz in plastic box 2 module DIN
0050-12-011	**KIT RF MODULE 100mW 868MHz SDAMNet Plus FOR SDAMGUARD/ BRIDGE**: Module radio LoRa for RS485, 100mW, frequency 868MHz + power pack 230Vac/24Vcc + plastic box IP56 dim. 150x110x70mm.
0050-12-090	**KIT ANTENNA 868MHz MODULO RADIO SDAMNet Plus:** KIT 3dBi antenna 868MHz connector SMA (M) RF Solutions complete with adapter cable RG174 SMA FEMALE/MMCX MALE