

# BACnet receiver LoRa

RX BACnet receiver - IP / MSTP interfaces



COMPATIBLE WITH BACNET NETWORK

7.5 - 24VDC POWER SUPPLY

CAN MANAGE UP TO 40 TRANSMITTERS

OBJECT MODE / DEVICE MODE

## SPECIFICATIONS

Enclosure and IP rating	ABS IP 60
Dimensions (l x w x h)	118 x 79 x 43 mm
Mounting	Wall / Collar / Din Rail (option)
Radio antenna	SMA connector (provided without antenna)
Interfaces	IP BACnet in UDP MSTP BACnet MSTP BACnet with BBMD IP BACnet in UDP and MSTP BACnet Configurable via embedded IP server
RX working temperature	- 20 / + 55°C
Power supply	Main 7,5 to 24 V DC or 12 V power supply
Radio frequency	868 MHz bidirectionnel
Protocol	LoRa
Options	Din Rail support (code DIN RAIL 1000-005) 12 V power supply (code POWER 1000-002) Long range antenna with 5 metres cable (ANT-REN-SMA-LR 868MHz) 10 metres extension cable (RAL-REN-10M SMA)
LED's	5 LED's and 1 external power LED
Certification	CE
Ordering code	RX BACNET 500-312

DTM55-b

# BIBBS\* supported by the receiver RX BACnet 500-312

	Bacnet Operator Work Station	Bacnet Building Controllers	BACnet Advanced Application Controller	BACnet Application Specific Controller	BACnet Smart Acuator	BACnet Smart Sensor
	<b>B-OWS</b>	<b>B-BC</b>	<b>B-AAC</b>	<b>B-ASC</b>	<b>B-SA</b>	<b>B-SS</b>
Data Sharing	DS-RP-A,B DS-RPM-A DS-WP-A DS-WPM-A	DS-RP-A,B DS-RPM-A,B DS-WP-A,B DS-WPM-B DS-COVU-A,B	DS-RP-B DS-RPM-B DS-WP-B DS-WPM-B	DS-RP-B DS-WP-B	DS-RP-B DS-WP-B	DS-RP-B
Alarm, Event Management	AE-N-A AE-ACK-A AE-INFO-A AE-ESUM-A	AE-N-B AE-ACK-B AE-INFO-B AE-ESUM-B	AE-N-B AE-ACK-B AE-INFO-B			
Scheduling	SCHD-A	SCHED-E-B	SCHED-I-B			
Trending	T-VMT-A T-ATR-A	T-VMT-I-B T-ATR-B				
Device & Network Management	DM-DDB-A,B DM-DDB-B DM-DCC-A DM-TS-A DM-UTC-A DM-RD-A DM-BR-A NM-CE-A	DM-DDB-A,B DM-DDB-B DM-DCC-B DM-TS-B DM-RD-B DM-BR-B NM-CE-A	DM-DDB-B DM-DOB-B DM-DCC-B DM-TS-B DM-RD-B	DM-DDB-B DM-DOB-B DM-DCC-B	DM-DDB-B DM-DOB-B	DM-DDB-B DM-DOB-B

\* Green : the supported BIBBs

\* Red : the unsupported BIBBS

\*BIBBS = BACnet Interoperability Building Block