

RS-485 to LoRaWAN IoT converter, externally powered

ACR-CV-101L-R-EAC

ACR-CV-101L-R-EDC

ACR-CV-101L-R12-EAC

ACR-CV-101L-R12-EDC

The RS-485 to LoRaWAN converter finds its application mainly in the reading of specific devices and communication through proprietary protocols. The converter is widely used in the digitization of production plants and data collection from pumps, cams, and others.

Key selling points:

- Readings of up to 128UL
- Master or Slave device type
- Communication speed 1 200 - 115 200 Bd
- LUA scripting interface
- Supported protocols are Modbus RTU, Modbus ASCII, Profibus DP
- 220 VAC or 36 VDC power supply



RS-485 interface	
Device type:	Master or Slave
Communication speed:	1 200 - 115 200 Bd
Maximum connected devices:	128 UL (Unit Loads. 1UL = 1.5 mA)
RS-485 protocol:	Modbus RTU, Modbus ASCII, Profibus DP
LPWAN communication	
LoRaWAN	1.0.1
Registration method:	OTAA or ABP
Frequency:	868MHz, other on request
TX Power:	12,7dBm
Configuration:	Over the cable via GUI or downlinks
General information	
Power supply:	85- 305 VAC or 9 – 36 VDC
RS-485 bus power supply	12V – optional in R12 version
IP coverage:	IP65
Dimensions:	145 x 90 x 55 mm
Operational temperature:	-30 °C to +60 °C
Weight:	250 g
Mounting:	Wall / Pole
HS code	85269200