



Connecting devices across Internet requires several hardware and software resources to enable the data to be transferred in a secure manner and to be stored in a structured data base. Explora Technologies created a complete IoT solution which is easy to integrate with your devices to make it effortless. The CZ120 allows a user to install remote fields I/O devices and transfer data to our Andromede Cloud for devices and sensors management.

QUICK OVERVIEW

- Industrial solution allows secure connection for connecting IoT devices remotely
- Access your devices and sensors when Ethernet connection is not available
- Remote management with Andromede Cloud
- Long-term supply



KEY FEATURES

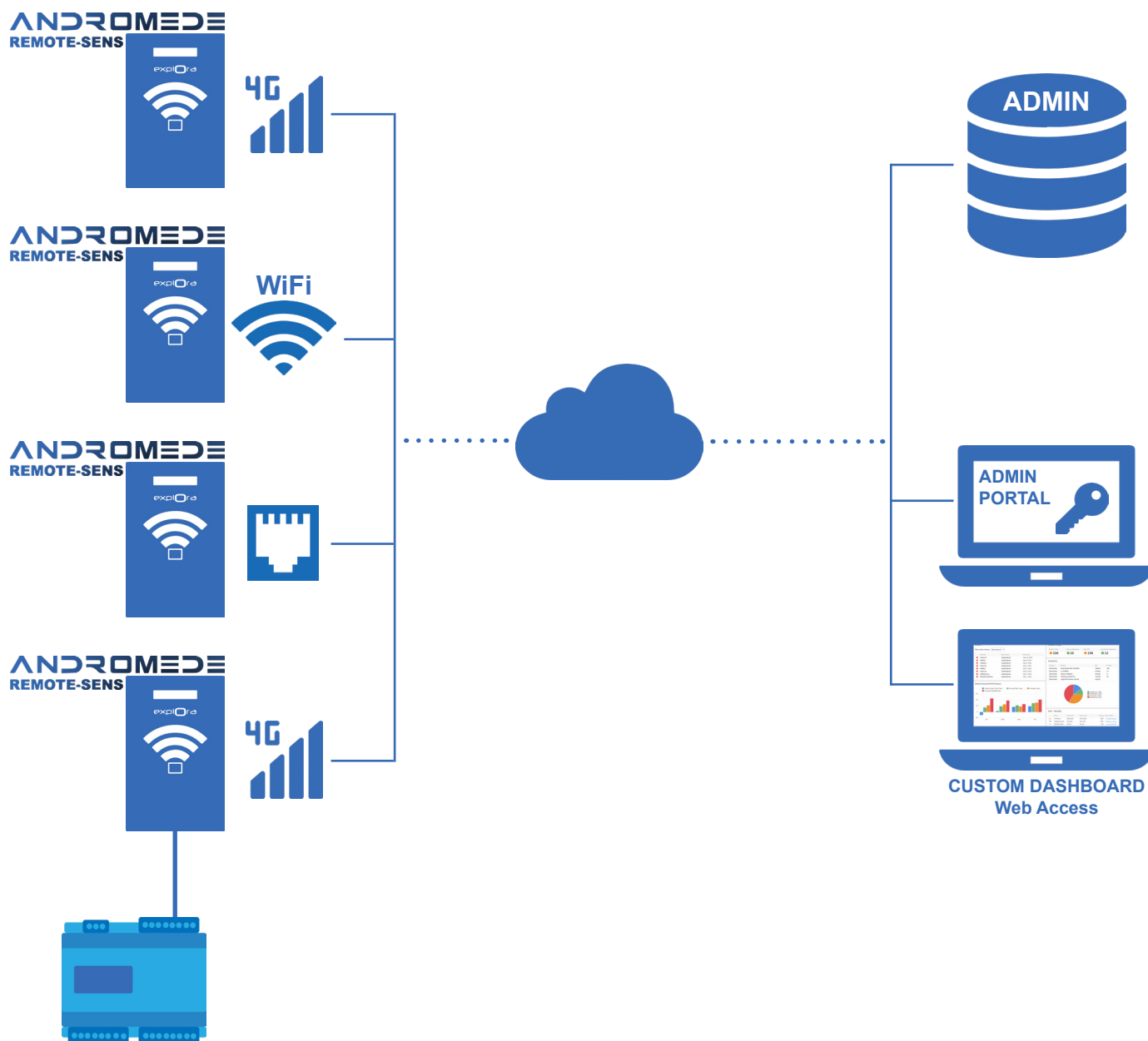
- 4G LTE connection for maximum transmission speed
- 7 inputs: 4 on-off and 3 analogs
- 6 outputs: 3 open drains, 2 analogs and 2 PWM
- 10/100 Ethernet port
- One RS485 communication port
- Easy-to-use interface for configuration
- Industrial design for maximum ruggedness
- Long-term supply of equipment and parts



The CZ120 is a complete field I/O system consisting of a communication module (LTE, WiFi or 10/100 Ethernet and offers multi-point I/O terminals. The small footprint allows installation in a tight location close to the equipment which is monitored and/or controlled.

VIEW OF THE INTERNAL CONNECTORS





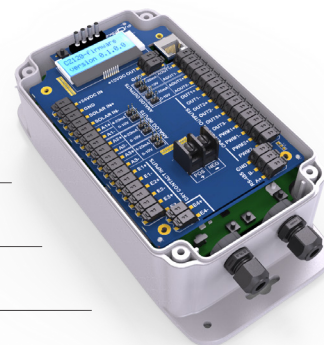


SPECIFICATIONS

MODEL CZ120 - REMOTE

WWAN *	LTE Category 1
SIM SLOT	1 MINI SIM
WiFi *	802.11 b/g/n (2.4GHz)
Ethernet	10 / 100 Mb standard
GPS *	Yes
POWER IN	+24VDC @ 600 ma mA _x from Power Source, Solar Cell* and Internal Battery *
POWER OUT	+12VDC @ 420 mA max
ANALOG INPUTS	3 configurable 4-20 mA or 0-10 VDC
ANALOG OUPUTS	2 configurable 4-20 mA or 0-10 VDC
DIGITAL INPUTS	4 dry contacts
DIGITAL OUTPUTS	3 open collector 28VDC max current sink 150 mA
PWM OUTPUTS	2 open collector 48VDC max current sink 200 mA
DISPLAY	LCD 2 lines
LED INDICATORS	4 status indicators
DIMENSIONS	11.7 x 19.3 x 7.9 cm / 4.6 x 7.6 x 3.1 in
OPERATING	-40°C to 50°C / IP54
MOUNTING	Screws
WARRANTY	1 year

* optional



ZCZ120_S02_A01