

CVD-931 Wireless Repeater



Product

CVD-931 extends wireless network coverage for "RadioFence" system, receives and repeats signals from sensors within coverage zone.

CVD-931 is incorporated in a sealed metal housing and equipped with accumulating batteries and a solar module providing power for the battery and wireless modem with antenna.

CVD-931 allows self-test, message retransmission, temperature and voltage control.

Parameter	Value
Alarm message	
- Transmission frequency, MHz	433
- Radiated power, not more, mW	10
Transmission distance with antenna within line-of-site, m	
- Rod quarter-wave	2700
- Rod quarter-wave, guaranteed	1000
Activation time after switch-on, sec	60
Time of standby mode recovery after alarm (tamper attempt, battery discharge), sec	10
Alarm duration, sec	5
Autonomous operation with solar power supply	yes
DC voltage, V	12
Accumulating batteries capacity, Ah	7,2
Consumed power, not more mA	35
Operating mode	Continuous
Ingress protection	IP65
Operating temperatures, °C	from -40 to +50
Overall dimensions without bracket and antenna, mm	338x249x115
Weight, kg	7,8

Connection

Connector pin assignment for calibration cable:

№	Purpose
8	+12 V
9	+12 V
10	GND
14	+12 V
15	+12 V
16	RS-485 (A)
17	RS-485 (B)

Contacts 1, 2, 3, 4,5...7, 11...13, 18, 19 – are not used.