

“Unicom-1-R” VHF repeater



“Unicom-1-R” VHF repeater is intended for signal retransmission and connection of fixed IP camera “Unicom-1-VS”

“Unicom-1-R” has sealed metal case with accumulating batteries, solar module for battery charge and a RF modem with antenna. It supports self-test functions, temperature and voltage level control.

Scope of supply:

1. VHF repeater “Unicom-1-R” – 1 pc.
2. Bracket – 1 pc.
3. Whip antenna 433 MHz – 1 pc.

Technical specification:

Parameter	Value
Alarm message	
- Transmission frequency, MHz	425...441
Radiated power, not more, mW	100
Transmission distance with antenna within line-of-site, m	
- Rod quarter-wave	8000
Rod quarter-wave, guaranteed	2700
Accumulating batteries voltage, V	12
Accumulating batteries capacity, Ah	7,2
Operational life before planned change	from 3 to 5 years
Operation	continuous
Guaranteed operation “Unicom-1-R” with average surface insolation	not less 0,8 KWh/m ² /day
Operating temperatures, °C	-40...+50
Max overall dimensions with bracket and antenna, mm	340x410x290
Weight without bracket, not more, kg	6,2