

ROADSIDE EMERGENCY CALL BOX

ERT-19

ERT-19 emergency call boxes use components manufactured by ERECA, which has many years of experience in the production of professional security systems based on fiber optic communication.

ERT-19 emergency call boxes work in the TELWAY-ERECA emergency communication systems. ERT-19 boxes are supervised by the EROS CALL IN application.

A characteristic feature of the ERT-19 emergency call boxes is the regeneration of the optical signal in the optical fiber, which allows for a significant increase the range of communication in passive PON networks.

A wide range of products allows to adjust the system architecture to the specific requirements of each project. The optional GSM interface enables the location of alarm boxes out of the fiber optic infrastructure.

To establish a voice connection with the motorway operator, all need to do is press the SOS button. ERT-19 emergency call boxes are easy to use for the hearing impaired people.

ERT-19 emergency call boxes are resistant to mechanical loads caused by wind and snow pressure.



<b>Supply voltage</b>	9 to 15 VDC (autonomous solar power) optionally 230 VAC (external power supply)
<b>Power consumption</b>	0,65 mW standby mode 0,5 W regeneration mode 3,8 W voice call
<b>Power autonomy</b>	30 days, solar panel 10W, battery 18 Ah
<b>Working condition</b>	-30 ... +70°C; 0 ... 95% RH
<b>Housing</b>	FRP composite, IP54
<b>Communication interface</b>	MASTER call box: single mode fiber 1550/1310 nm, connector SC/APC 8°, GSM in option; SLAVE call box: shielded copper twisted pair minimum 5 pairs for connection to Master call box, optional radio link
<b>Protocols</b>	Developed by ERECA – combination of data transmission and digitally encoded audio signal, transmission speed 2 Mb/s
<b>Audio output</b>	Linear amplifier class B, 0 – 6 W; speakers 4 to 8 Ohms
<b>Audio input</b>	Dynamic microphone -20 to -50 dBm, 600 Ohms
<b>Assembly</b>	Screw anchors 4 x M16
<b>Mechanical</b>	Dimensions (without solar panel): 2050x390x474 mm Dimensions (with solar panel): 2470x390x474 mm Weight (without solar panel): 57 kg Weight (with solar panel): 63 kg

ERT-19 call box is manufactured in cooperation with ERECA S.A.S. Saint Gratien, France

