



**We make
highways
talk™**

- MANAGEMENT
- SAFETY
- PRESERVATION

International Road Dynamics Inc. develops and maintains traffic management products and systems technology that make highways talk. What are they saying? They are providing information that roadway administrators need to manage traffic, preserve infrastructure and provide safety warnings to drivers.

IRD's multi-discipline, innovative and customer-focused team is expert in advanced technologies, advanced traffic solutions and custom-designed systems.



**CUSTOMER
DRIVEN™**

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SOS Emergency Call Box

The SOS Emergency Call Box is specially designed for adverse environments. The rugged, weatherproof metal housing, high-power amplifier, and low power consumption make it ideal for handling emergency calls from the side of the highway or in mining areas.



when communication is critical



Underwriters
Laboratories

FEATURES AND BENEFITS

- Network compatible
- Audible in noisy environments (i.e. roadside, mining)
- Filters background noise
- Compatible with the powerful PAT Traffic control center
- Solar power option for applications in remote areas
- Weather resistant (stainless steel cover)
- CE & FCC compliant

SOS Emergency Call Box

Technical Details

Specifications

IP rating	IP66
Front panel	Stainless steel cover
IK rating	IK10
Internal speaker amplifier	10W class D
Microphone technology	Digital (MEMS)
Echo cancellation	YES
Noise cancelling (static)	YES
Web browser configuration	YES
Software configuration	YES
General Purpose I/O	6 (configurable)
Ethernet 10Base-T/100Base-TX RJ45	YES
Power Option	PoE or external supply
Operating temperature	-25°C to 70°C (-13°F to 158°F)
Relative humidity	0% - 95%
Weight	800g (1.73 lb.)
Dimensions	180 x 120 x 70 mm (7.1 in. x 4.7 in. x 2.75 in.)

IP Protocols:

IPv4 (w. DiffServ)	YES
TCP	YES
UDP	YES
HTTPS	YES
TFTP	YES
RTP	YES
DHCP	YES
SNMP NTP	YES
G.711 μ -Law encoding	YES
Remote upgrade	YES
Power requirements (V/full power/standby)	(16-48 DC)/12W/1.8W
Full duplex communication	YES
SIP phone	YES
Asterisk protocol	YES

Compliances:

CE & FCC part. 15 (EMC)	YES
IEC/ EN 60945	YES
IEC/ EN 61000-6	YES
IEC/ EN 50155	YES
IEC/ EN 50486	YES



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