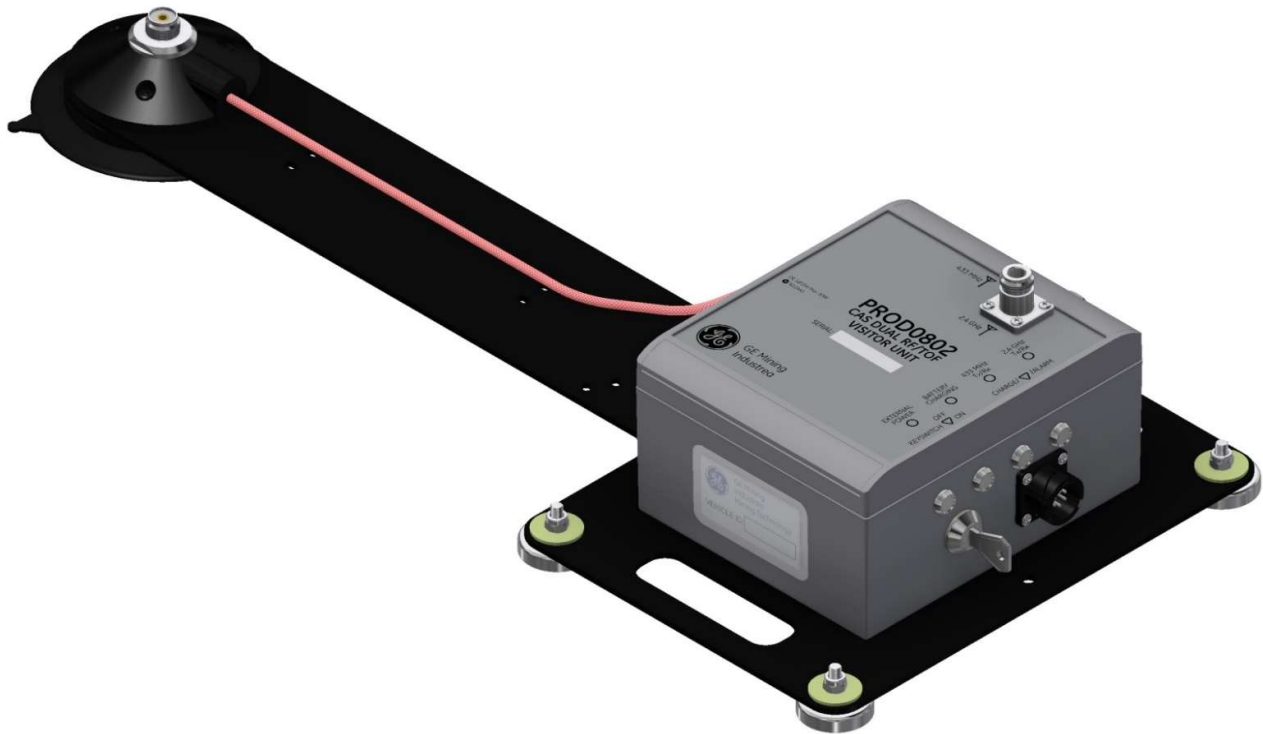


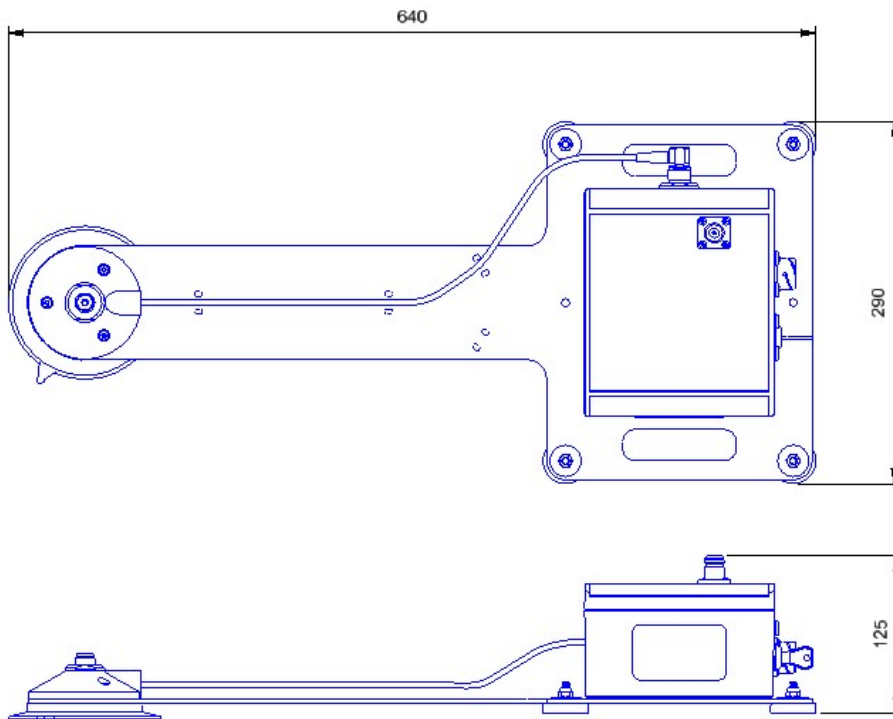
PROD0802 Dual RF/TOF LV Visitor Unit

A robust radio transmitter/receiver compatible with either 433 MHz RF systems or 2.4 GHz Time of Flight systems. It is battery-backed and suitable for temporary magnetic mounting on the exterior of light mine vehicles.



SPECIFICATIONS

Power Source	DC 12V (powered from vehicle)
Internal Battery	8-cell 3.7V 20Ah (71 Wh) internal rechargeable Li-Ion battery
Operating Time	48h battery-powered operating time
Power Consumption	1.2W nominal (10W when charging)
Operating Temperature	-20°C to +50°C
Protection Rating	IP 66 rated enclosure
Weight	1.5 kg
Radio Equipment Characteristics	2.4 GHz, IEEE 802.15.4a CSS, 10mW nom + 3dBi antenna
Connectors	433.925 MHz, ASK 10mW EIRP including 2.5dBi antenna
Antennas	<ul style="list-style-type: none"> • POWER/COMMS (6-way MILSPEC panel plug) • N female (2.4 GHz) • UHF female (433.925 MHz)
Input / Output Signals	<ul style="list-style-type: none"> • 3dBi direct mount 2.4GHz antenna, 3dBi 433MHz coaxial-cabled antenna <p><i>Signals:</i></p> <ul style="list-style-type: none"> • Input Power (max 2A) • Power Pass-Through, Buzzer signal • RS232 <p><i>LED Indicators:</i></p> <ul style="list-style-type: none"> • Red – receive data • Green – transmit data.



Industrea Mining Technology Pty Ltd
T/A Digital Mining Technology
3 Co-Wyn Close Fountaindale,
New South Wales
Australia, 2258
Tel: +61 2 4336 1800
Fax: +61 2 4336 1888
email: GETProductionIMT@wabtec.com
www.wabteccorp.com