



Innovative radio—TRU35

1. Featured with integrated body frame and excellent heat dissipation, ensuring TRU35 long-lasting high temperature resistant.
2. Wirelessly connect radio and base with SurPad software, transmitting data via Bluetooth. No longer worry surveying will be suspended due to wire damage.
3. Super-powerful radiowave-beaming technology guarantee the furthest of signal transmission within surveying area.
4. Battery voltage can be previewed and precautioned. Protection of opposite connection and open circuitry guarantee safety of radio use.

Technology parameters

Overall

Type	Description
Frequency	410~470MHz
Channel spacing	12.5KHz / 25KHz
Input voltage	10.8~15V DC
Dimension	165mm×125mm×80mm
Weight	1680g
Operating temperature	-40~+85℃
Storage temperature	-45~+90℃
UHF antenna	TNC
Data interface	5pin

Transmitter

Output power	10w/30w (12.5V Input)
Power stability	±1dB
Adjacent channel inhibition	>50dB

Receiver

Sensitivity	Better than -116dBm@BER 10 ⁻⁵ , 9600bps
Common channel suppression	>-12dB
Blocking	>70dB
Adjacent channel selectivity	>52dB@25KHz
Stray immunity	>55dB

Modem

Air rate	9600bps, 19200 bps
Modulation method	GMSK
Protocol	TrimTalk 450S SOUTH TimTalk I TrimMask II PCC-EOT PC5



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