

Wireless External Radio

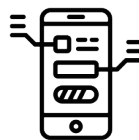
# TRU 35



Connection with base either via cable or Bluetooth smoothly and stably.



Large area of cooling pins. Smart adjustment on voltage to protect from over heating.



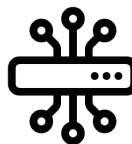
Make varios configurations via Bluetooth connection with your smartphone.



2-stage surge protection from over voltage or current.



Up to 14km transmitting distance in optimal conditions.



Supports major protocols in industry.

# SPECIFICATIONS

## GENERAL

Frequency Range	410-470MHz
Operating Mode	Half-duplex
Channel Spacing	12.5 KHz / 25 KHz
Modulation	GMSK / 4FSK
Operating Voltage	10.8-15 V
Power Consumption	Transmit (high): 97W @ 13.5V Receive: 6.5W
RF Power Stability	-1.0 - +1.0 ppm
Protocol	TrimTalk 450S, TrimMark III, Satel, SOUTH, HiTarget, etc.

## TRANSMITTER

RF Output Power	10W / 35W (13.5V input)
RF Power Stability	±1.5 dB
Adjacent Channel Inhibition	>50 dB

## RECEIVER

Sensitivity	<-116 dBm @ BER 10, 9600 bps
Co-channel Inhibition	>-12 dB
Block	>70 dB
Adjacent Channel Selectivity	>52 dB @ 25KHz
Perturbation Resistance Stray	>55 dB

## MODULATOR

Air Rate	9600 bps, 19200 bps
Modulation	GMSK / 4FSK

## INTERFACE

Antenna Interface	TNC
Antenna Interface Impedance	50 ohm
Data Interface	LEMO 5-pin

## PHYSICAL

Dimension	165mm*125mm*81mm
Weight	1680g
Working Temperature	-40°C - +85°C
Storage Temperature	-45°C - +90°C

