TRU35 Technical Features

OVERALL	
Frequency range	410MHz~470MHz
Operating mode	Half Duplex
Channels	16
Channels spacing	12.5KHz /25KHz
Input Voltage	10.8~15V DC
Frequency stability	<= ±1.0 ppm

POWER	
Transmit Output Power (Typical)	91W@13.5V
Receive	6.5W

TRANSMITTER	
RF Output Power	10W/ 30W (12.5V Input)
Adjacent channel inhibition	>50dB
RF Power Stability	±1dB

RECEIVER	
Sensitivity	Better than -116dBm@BER 10-5, 9600 bps
Co-channel suppression	>-12dB
blocking	>70dB
Adjacent channel selectivity	>52dB@25KHz
Perturbation Resistance Stray	>55dB
Data Streaming mode	Via Cable or BlueTooth

DATA MODEM	
Serial Mode Interface	9600~25600, 115200-38400bps
Modulation	GMSK/4FSK
Radio Protocols	TrimTalk 450S Trimmark III Trimtalk South PCC-GMSK GEOSTALK GEOMARK Satel HiTarget HZSZ

PHYSICAL SPECIFICATION	
Ingress Protection Rating	IP67
Dimension	165(H)×125(W)×80(D)mm
Weight	1.68kg
Operating Temperature	-40°C to 85°C
Storage Temperature	-45°C to 90°C
Connector UHF antenna	TNC female
Antenna interface	50 ohms
Data interface	Lemo 5 pin

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