

Model: RP-100

TRANSMITTER (OPTION)

- » TX-125 is a 5Watt transmitter
- » Coverage of between 0.8 and 4 kilometre in unobstructed open space
- » Supports a wide variety of industry-standard control protocols, including TAP, COMP1, COMP2, and SCOPE



Frequency	UHF 430~470MHz; 860~872MHz
Channel Spacing	12.5KHz / 25KHz
Output Power	10mW / 60mW
Modulation Type	F3D, F3E
Maximum Deviation	±2.5 KHz / ±4.5 KHz
Baud Rate(bps)	512 / 1200 / 2400
Conducted Spurious Emission	less – 55dBc
Operation Temperature	-10° to +60° C
Storage Temperature	-10°~+60° C
Power Supply	DC 5V
Current Consumption	TX: 10mW<180mA ; 60mW<190mA, RX : < 180mA
Output Connect	SMA
Dimension (mm)	53(L) x 79(W) x 20(H)
Weight	Approximately 65 g

Receiver	
Frequency Stability	±1 ppm
Sensitivity	<-120 dBm
ACS	12.5 kHz : > 50 dB, 25 kHz : > 50dB

- Repeat Pocsag Signal
- Support TI (Texas Instruments) CC11–Series
- Compact size
- High performance MCU STM32 adopted
- Support various frequencies
- Error correction
- Switchable output power, 60mW and 10mW
- Signal strength monitoring by RSSI prevents from interference
- Multi-Layer function to connect multiple repeaters serially
- Over 2 million RICs available (8~2097151)
- A group of RICs in certain interval for whitelist
- 14 RICs available for block list
- Powered by 5V via USB Type B
- SMA connector from industry standard