



## Features

- **60MHz Bandwidth Coverage 410-470 MHz bands**  
Advanced data link design for high performance over entire band.
- **Multi-function user interface**  
It was designed for easy mobile use in demand-ing field conditions.
- **Configurable Transmit Power**  
Support for 5W, 25W power switching.
- **Software-Derived Channel Bandwidth**  
Compatible with both 12.5 and 25 kHz radios.
- **High Environmental Capabilities**  
According to the IP67 standard

## Base Radio HX-DU8602T

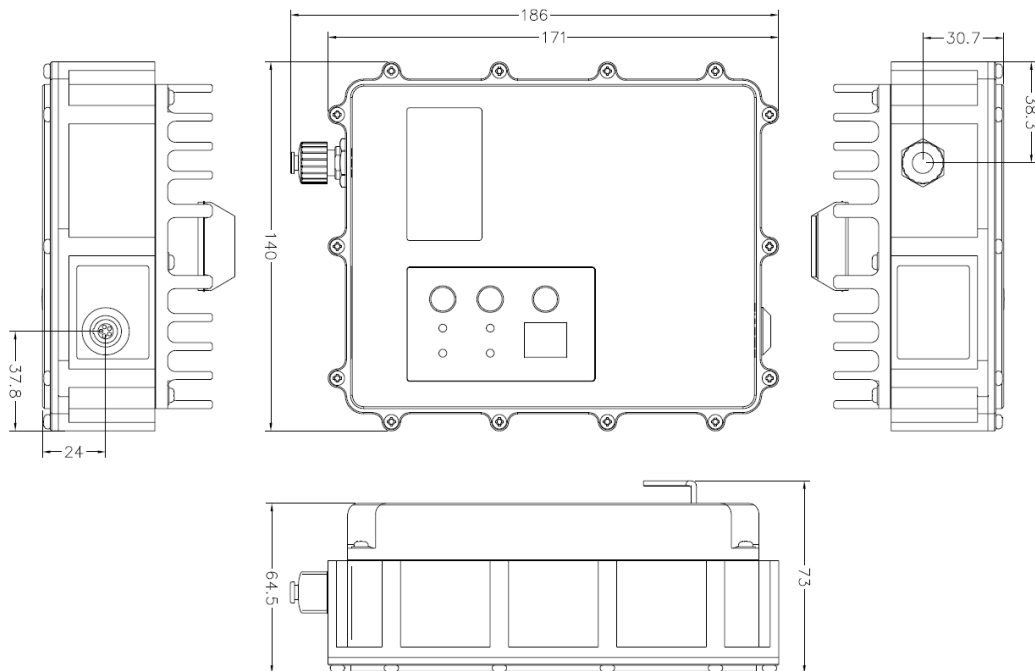
Harxon radio modems provide reliable data communications for mission-critical applications where a combination of stability, supreme performance and long range are required.

HX-DU8602T is a high speed, high power, wireless data link built to survive the rigors of GNSS/RTK surveying and precise positioning. This radio's 25W of power maximize range, enabling you to work in difficult urban areas. The HX-DU8602T is equipped with digital tube, LED and keypad, used to indicate the current operating status, as well as for changing the operating channel and power level of the radio modem. For the most rugged and reliable long-range data link, go with the Geomatics industry's new standard in wireless communications HX-DU8602T.

# Technical Specifications

General Specification		
Frequency range	410~470MHz	
Operating mode	Simplex	
Channel spacing	25KHz, 12.5KHz	
Modulation type	GMSK	
Operation voltage	9-16V	
Power dissipation(Typical)	High power level	75W@DC 12V
	Low power level	35W@DC 12V
	Standby	1.5W@DC 12V
Frequency stability	$\leq \pm 1.0\text{ppm}$	
Size	186x140x73mm	
Weight	About 1.5kg	
Temperature(ope ration)	$-30^{\circ}\text{C} \sim +65^{\circ}\text{C}$	
Temperature(stor age)	$-55^{\circ}\text{C} \sim +75^{\circ}\text{C}$	

Antenna port	TNC, female	
Antenna impedance	50ohm	
Data interface	LEMO 5Pin	
Water proof level	IP67	
Transmitter		
RF output power	High level	43.5±0.5dBm@ DC 12V
	Low level	37±1dBm@DC 12V
Power stability	±1dB	
Harmonics	<-30dBm	
Modem		
Air baud rate	9600bps、19200bps	
Modulation type	GMSK	
Serial port baud rate	9600 bps、19200 bps、38400 bps、57600 bps、115200 bps	



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