

PENTAX

External radio
for GNSS

PDR-450



Available soon

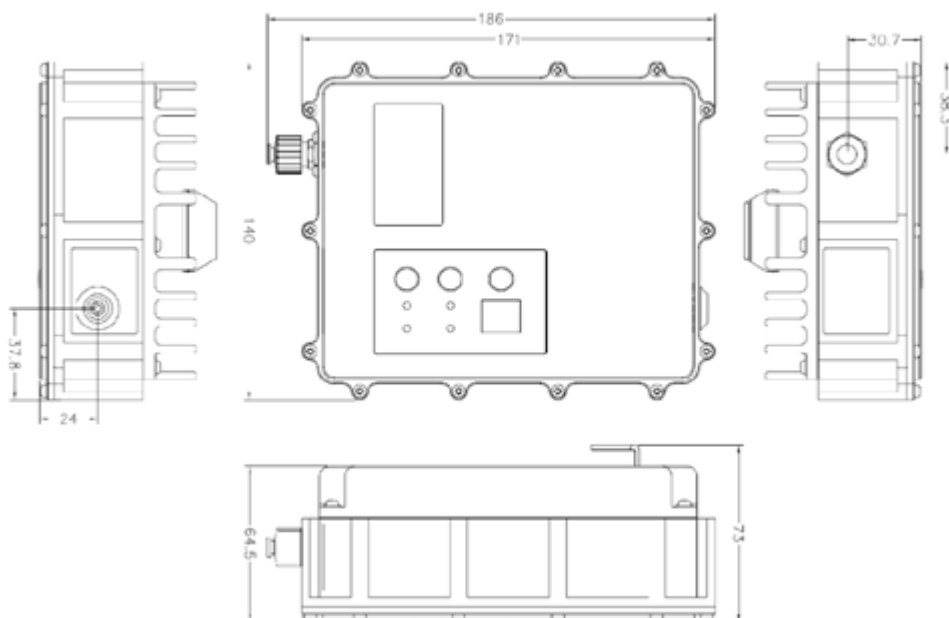
- + High power max. 25W
- + Frequency range
- + IP67 410~470MHz
- + Compatible with PENTAX receivers

TI Asahi Co.,Ltd
Aiming at the future together!

EXTERNAL RADIO SPECIFICATIONS

Model	PDR-450	
General	Frequency range	410~470MHz
	Channels	8
	Operating mode	Simplex
	Channel spacing	25KHz
	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	<±1ppm
	Water proof level	IP67
	Size	180×140×65mm
	Weight	About 1.5kg
	Temperature (operation)	-30~+60°C
	Temperature (storage)	-55~+75°C
	Antenna port	TNC, female
Antenna impedance	50ohm	
Data interface	LEMO 5pin	
Transmitter	RF output power	High level 25W @DC 12V Low level 5W @DC 12V
	Power stability	±1dB
	Harmonics	<-30dBm
Modem	Data Link rate	19,200bps, 9,600bps
	Modulation type	GMSK

Dimensions of the radio



PENTAX Positioning System is dedicated to providing customers with first class positioning system products and freedom of choice. We have carefully designed high-quality products to meet the needs of today's surveyors based on the experience of many years involved in instrument design and construction. Our engineers have been involved in Survey products since the beginning of the Satellite Surveying Era. We are committed to ease of use, a low cost of ownership and flexibility to accommodate different working environments. Our close partners are carefully chosen and are committed to these values as we are.

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The CE marking assures that this product complies with the requirements of the EC directive for safety.



ISO
 ISO 9001:2008

JSIMA
 Japan Surveying Instruments Manufacturers' Association

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