

## Echologger Air50 (Air-borne Precision Echosounder)

### Specifications

Items	Air50
Measuring range	10m
Beam angle	6°
Transmit Frequency	50 kHz
Transmit Power	Up to 65W, S/W regulated
Pulse length	100, 200, 300, 400, 500 $\mu$ s
Gain	$\pm$ 24 dB
TVG range	80dB max
Receiving Frequency band	45 ~ 55kHz
Deadzone	0.3 m
Range offset	$\pm$ 500 mm
Temperature offset	$\pm$ 50 $^{\circ}$ C
Com speed	9600, 19200, 38400, 57600, 115200, 230400
Protocol	MODBUS
Interface	RS485, up to 32 units on a Bus
Power supply	9-27 VDC, or 20-60 VDC, 2W max, Isolated
Operating Temperature	-30 ~ 50 $^{\circ}$ C
Dimensions	D70 mm x L140 mm
Housing	ABS