

Singlebeam Echosounder Odom MKIII

Diskripsi Alat:

Singlebeam echosounder (SBES) Odom MKIII merupakan alat untuk mengukur kedalaman perairan. SBES Odom MKIII memiliki dua frekuensi, yaitu 33 kHz (low frekuensi) dan 200 kHz (high frekuensi). Frekuensi 33 kHz mampu mengukur kedalaman perairan hingga 1500m, sedangkan frekuensi 200 kHz mampu mengukur kedalaman perairan hingga 200m.

Merek Alat:

Odom Echotrack MK III

SN: 007041

Kelengkapan:

- Transducer
- Cable Transducer
- Deck Unit (Transceiver)
- Cable power
- Cabel Data
- eChart Display (Controller)
- Pole dan bracket

Fungsi:

- Mengukur kedalaman perairan

Spesifikasi:

Frequency

- High band: 200 kHz; Low band: 33 kHz

Output Power

- High: 100kHz–1 kW RMS max 200kHz–900 W, RMS max, 750kHz – 300W RMS max
- Low: 3.5kHz–2kW RMS max, 50kHz–2kW RMS max

Depth Range

- 0.2 – 200 m @ 200 kHz; 0.5 – 1500 m @ 33 kHz

Resolution

- 0.01m

Accuracy

- 0.01m +/- 0.1% of depth @ 200 kHz (corrected for sound velocity)
- 0.10m +/- 0.1% of depth @ 33 kHz (corrected for sound velocity)

Input Power

- 110 or 220 V AC/24 V DC 50 watts

Sound Velocity

- 1370 – 1700 m/s; Resolution 1 m/s

Transducer Draft Setting

- 0 – 15 m

Depth Display

- On control PC and LCD display

Annotation

- Internal – date, time, optional GPS position from built-in Rx.
- External – up to 80 ASCII characters from RS232 Serial or Ethernet port

Interfaces

- 4 X RS232 or 3 X RS232 and 1 X RS422
- Inputs from external computer, motion sensor, sound velocity
- Outputs to external computer, remote display
- Outputs with LCD chart – video out
- Ethernet interface
- Heave – TSS1 or sounder sentence

Environmental Operating Temperature

- 0' – 50' C, 5 – 90% relative humidity, noncondensing

Dimensions

- 450 mm H x 450 mm W x 300 mm

Weight

- 15.9 kg

