

C750D Pro Imaging Sonar

Portable dual frequency imaging sonar

Picture



The waterproof cable is standard with a 2-meter platform carrying a waterproof short cable, model HY 132. The optional 10-meter waterproof long cable (model HY 131) and a 1:2 connector cable (BH 932) are convenient for quick use.



HY 132 (not drawn to scale)

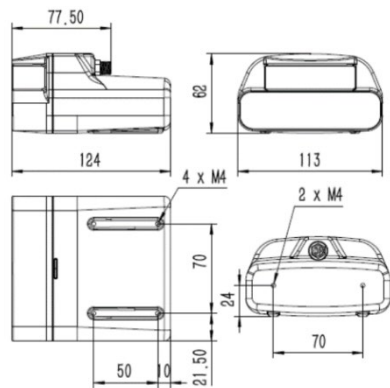


HY 131 (not drawn to scale)



BH 932

Shape, size and fixed hole position:



Four installation and fixing holes are reserved at the bottom of the sonar: M4 threaded hole, hole depth 4mm, thread length 3mm; two auxiliary fixing holes are provided on the back: M4 threaded hole, hole depth 4mm, thread length 3mm.

Functional characteristics

Operating Frequency:750kHz / 1.2MHz

- Range (Maximum):40m / 25m
- Range (Minimum):0.1 m
- Maximum number of beams:512
- Range Resolution:2.5 mm
- Angular resolution : 0.6° / 0.4°
- Horizontal Aperture:136° / 136°
- Vertical Aperture: 20° / 12°
- Dimensions: 124mm (L) ×113mm (W) ×62mm (H)
- Weight: 1.03kg (air)
0.40kg (in water)
- Depth Rating: 500m
- Temp. Range (Operating): -5°C ~ +35°C
- Temp. Rating (Storage):-20°C ~ +50°C
- Update Rate:40Hz (Max)
- Supply Voltage: DC12V~48V, power above 48W
- *Typical Power Consumption:25W (@30m Range)
- Built-in temperature and humidity sensor
- Built-in electronic compass
- Built-in attitude sensor
- Built-in depth sensor

Joggle

The sonar has only a water-tight socket interface. The corresponding cable sequence of the water-tight plug is as follows:

Order number	Signal	Description
1	DC24-	DC power negative electrode
2	DC24+	DC power positive
3	TX-	Sonar network data transmission-
4	TX+	Sonar network data transmission +
5	RX-	The sound receiver receives network data-
6	RX+	Receiver receives network data +

C750D Imaging Sonar

Portable dual frequency imaging sonar

Picture



The waterproof cable is standard with a 2-meter platform carrying a waterproof short cable, model LW 127. The optional 10-meter waterproof long cable (model LW 128) and a 1:2 connector cable (BH 932) are convenient for quick use.



LW 127

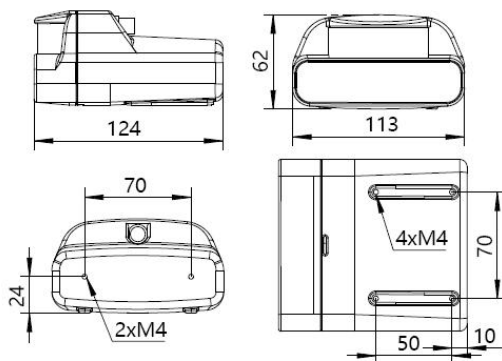


LW 128 (not drawn to scale)



BH 932

Shape, size and fixed hole position:



Four installation and fixing holes are reserved at the bottom of the sonar: M4 threaded hole, hole depth 4mm, thread length 3mm; two auxiliary fixing holes are provided on the back: M4 threaded hole, hole depth 4mm, thread length 3mm.

Functional characteristics

- Operating Frequency: 750 kHz/ 1.2MHz
- Range (Maximum): 120 m / 40m
- Range (Minimum): 0.1 m
- Maximum number of beams: 512
- Range Resolution: 4 mm/ 2.5 mm
- Angular resolution : 1° / 0.6°
- Horizontal Aperture: 130° / 80°
- Vertical Aperture: 20° / 12°
- Dimensions: 124mm (L)×113mm (W)×62mm (H)
- Weight: 1.1kg (air)
0.48kg (in water)
- Depth Rating: 500m
- Continuous working time: ≥24h
- Temp. Range (Operating): -5°C ~ + 35°C
- Temp. Rating (Storage): -20°C ~ + 50°C
- Update Rate: 40Hz (Max)
- Supply Voltage: DC18 V ~ 48V, power above 48W
- Typical Power Consumption: 32W @40m
- Built-in temperature and humidity sensor
- Built-in electronic compass
- Built-in attitude sensor
- Built-in depth sensor

Joggle

The sonar has only a water-tight socket interface. The corresponding cable sequence of the water-tight plug is as follows:

Order number	Signal	Description
1	DC24-	DC power negative electrode
2	DC24+	DC power positive
3	TX-	Sonar network data transmission-
4	TX+	Sonar network data transmission +
5	RX-	The sound receiver receives network data-
6	RX+	Receiver receives network data +

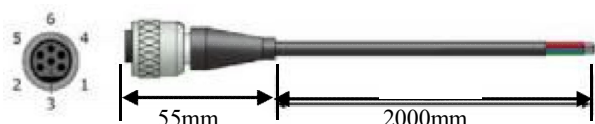
C900 Pro Imaging Sonar

Portable dual frequency imaging sonar

Picture



The waterproof cable is standard with a 2-meter platform carrying a waterproof short cable, model HY 132. The optional 10-meter waterproof long cable (model HY 131) and a 1:2 connector cable (BH 932) are convenient for quick use.



HY 132 (not drawn to scale)

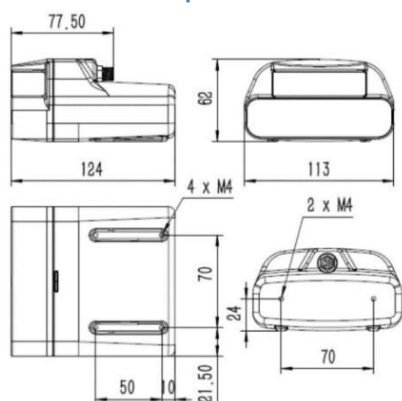


HY 131 (not drawn to scale)



BH 932

Shape, size and fixed hole position:



Four installation and fixing holes are reserved at the bottom of the sonar: M4 threaded hole, hole depth 4mm, thread length 3mm; two auxiliary fixing holes are provided on the back: M4 threaded hole, hole depth 4mm, thread length 3mm.

Functional characteristics

- Operating Frequency:900kHz
- Range (Maximum):80m
- Range (Minimum):0.1 m
- Maximum number of beams:512
- Range Resolution:2.5 mm
- Angular resolution : 0.8°
- Horizontal Aperture:130°
- Vertical Aperture: 20°
- Dimensions: 124mm (L) ×113mm (W) ×62mm (H)
- Weight: 1.03kg (air)
0.40kg (in water)
- Depth Rating: 500m
- Temp. Range (Operating): -5°C ~ +35°C
- Temp. Rating (Storage):-20°C ~ +50°C
- Update Rate:40Hz (Max)
- Supply Voltage: DC12V~48V, power above 48W
- *Typical Power Consumption:25W (@30m Range)
- Built-in temperature and humidity sensor

Joggle

The sonar has only a water-tight socket interface. The corresponding cable sequence of the water-tight plug is as follows:

Order number	Signal	Description
1	DC24-	DC power negative
2	DC24+	DC power positive
3	TX+	Sonar sends network data +
4	TX-	Sonar sends network data -
5	RX+	Sonar receives network data +
6	RX-	Sonar receives network data -

C900 SE Imaging Sonar

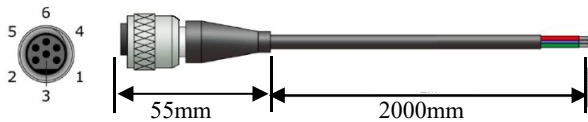
Portable dual frequency imaging sonar

Picture



Standard 2-meter platform equipped with short cable, model HY132. ;

Optional accessories: 10m test cable (HY131) and 1-to-2 splitter cable (BH932).



HY132 (not drawn to scale)

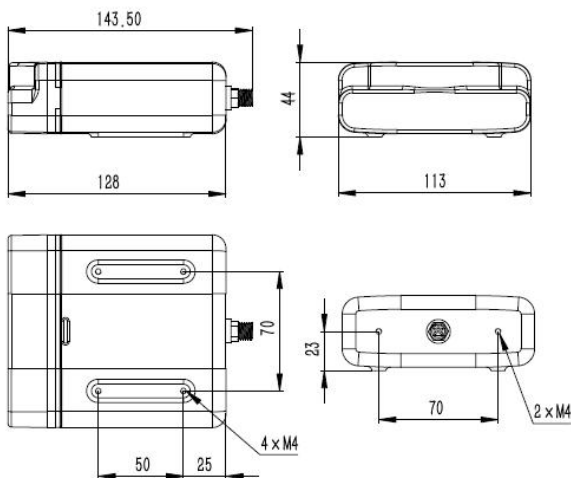


HY131 (not drawn to scale)



BH932

Shape, size and fixed hole position



Bottom: 4 x M4 threaded holes (3mm depth). **Rear:** 2 x M4 auxiliary threaded holes (3mm depth) for sacrificial anode mounting.

Functional characteristics

- Operating Frequency: 900kHz
- Range (Maximum): 80m
- Range (Minimum): 0.1 m
- Maximum number of beams:512
- Range Resolution: 7.5 mm
- Angular resolution: 1°
- Horizontal Aperture: 60°
- Vertical Aperture: 20°
- Dimensions:113mm(L) × 44mm(W) × 128mm(H)
- Weight: 0.87 kg (air)
0.31 kg(in water)
- Depth Rating:300m
- Temp. Range (Operating):-5°C ~+35°C
- Temp. Rating (Storage): -20°C ~+50°C
- Update Rate: 40Hz (Max)
- Supply Voltage:DC12V~48V, power above 48W
- Typical Power Consumption:12W@20m
- Built-in temperature and humidity sensor
- Built-in electronic compass
- Built-in attitude sensor

Joggle

The sonar has only a water-tight socket interface. The corresponding cable sequence of the water-tight plug is as follows:

Order number	Signal	Description
1	DC24-	DC power negative electrode
2	DC24+	DC power positive
3	TX+	Sonar network data transmission +
4	TX-	Sonar network data transmission-
5	RX+	Receiver receives network data +
6	RX-	The sound receiver receives network data-

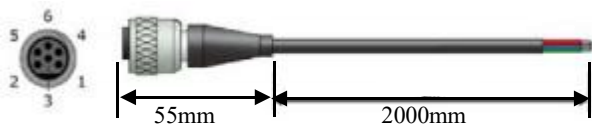
C1200D Imaging Sonar

Portable dual frequency imaging sonar

Picture



The waterproof cable is standard with a 2-meter platform carrying a waterproof short cable, model HY 132. The optional 10-meter waterproof long cable (model HY 131) and a 1:2 connector cable (BH 932) are convenient for quick use.



HY 132 (not drawn to scale)

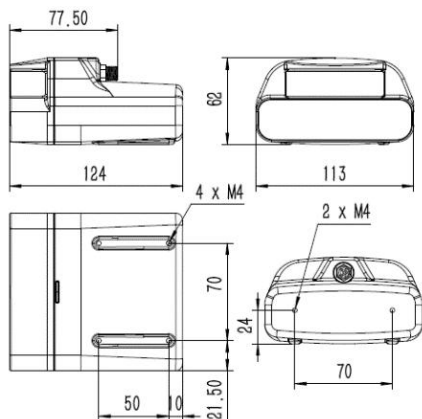


HY 131 (not drawn to scale)



BH 932

Shape, size and fixed hole position:



Four installation and fixing holes are reserved at the bottom of the sonar: M4 threaded hole, hole depth 4mm, thread length 3mm; two auxiliary fixing holes are provided on the back: M4 threaded hole, hole depth 4mm, thread length 3mm.

Functional characteristics

- Operating Frequency: 1.2MHz / 1.8MHz
- Range (Maximum): 40m / 25m
- Range (Minimum): 0.1 m
- Maximum number of beams: 512
- Range Resolution: 2.5 mm
- Angular resolution : 0.6° / 0.4°
- Horizontal Aperture: 136° / 66°
- Vertical Aperture: 20° / 12°
- Dimensions: 124mm (L) × 113mm (W) × 62mm (H)
- Weight: 1.03kg (air)
0.40kg (in water)
- Depth Rating: 500m
- Temp. Range (Operating): -5°C ~ +35°C
- Temp. Rating (Storage): -20°C ~ +50°C
- Update Rate: 40Hz (Max)
- Supply Voltage: DC12V~48V, power above 48W
- *Typical Power Consumption: 25W (@30m Range)
- Built-in temperature and humidity sensor
- Built-in electronic compass
- Built-in attitude sensor
- Built-in depth sensor

Joggle

The sonar has only a water-tight socket interface. The corresponding cable sequence of the water-tight plug is as follows:

Order number	Signal	Description
1	DC24-	DC power negative electrode
2	DC24+	DC power positive
3	TX-	Sonar network data transmission-
4	TX+	Sonar network data transmission +
5	RX-	The sound receiver receives network data-
6	RX+	Receiver receives network data +