

**SPECIFICATIONS OF MULTI BEAM SONAR
DFF-3D**

1 GENERAL

- 1.1 TX frequency 165 kHz
- 1.2 Output power 800 W nominal
- 1.3 Amplifier type Straight amplifier (H/L gain sampling simultaneously)
- 1.4 Minimum range 3 m
- 1.5 Display mode Multi-sounder, Side scan, Section, 3D history
- 1.6 Depth range and Pulse repetition rate (PRR) (TX rate: 20, Pulse length: standard)

Range (m)	PRR (times/min, max.)
5	600
10	600
40	484
100	200
200	100
500	40
1200	37

2 INTERFACE

- 2.1 Number of port
 - LAN 1 port, Ethernet 10/100Base-TX
 - External KP 1 port (optional external KP kit required)

3 POWER SUPPLY

- 3.1 Multi beam sonar 12-24 VDC: 1.4-0.7 A
- 3.2 Rectifier (PR-62, option) 100/110/220/230 VAC, 1 phase, 50/60Hz

4 ENVIRONMENTAL CONDITIONS

- 4.1 Ambient temperature
 - Main unit -15°C to +55°C
 - Transducer -5°C to +35°C
- 4.2 Relative humidity 93% or less at +40°C
- 4.3 Degree of protection IP55
- 4.4 Vibration IEC 60945 Ed.4

5 UNIT COLOR

N2.5 (fixed)