

F3

SPECIFICATIONS

EQUIPMENT DETAILS

MODEL	F3	F3 L
FREQUENCY	WideBand Nominal 160	WideBand Nominal 80
TRANSCIVER TYPE	DRX	DRX
TRANSDUCERS SUPPORTED	WMB-160	WMB-80
IMU SUPPORTED	External	External
DEPTH - SWATH *	200m	450m
DEPTH - MAX *	400m	900m
EFFECTIVE BEAMWIDTH (ATHWARTSHIPS X FORE-AFT)	120° x 4°	120° x 4°
BEAM WIDTH PS (DEG)	4.4	4.4
BEAM WIDTH FA (DEG)	3.2	3.2
BEAM SPACING (NOMINAL)	0.54° over 120°	0.54° over 120°
MAX VERTICAL RESOLUTION (CM)	3.9	3.9
SENSORS CONNECTIVITY	DRX	DRX
PSU	9-32VDC (25W)	9-32VDC (25W)
BOTTOM DETECTIONS	Amplitude & Phase	Amplitude & Phase
INTERFACE	RS232/422/NMEA0183	RS232/422/NMEA0183
TIDE CORRECTION	Fully Geo Referenced	Fully Geo Referenced
BATHYMETRY 2D / 3D	Yes	Yes
SONAR POLAR VIEW	Yes	Yes
SOUNDER (QUINT BEAM)	Yes	Yes

OPTIONAL MODULES

BACKSCATTER	Option	Option
SIDESCAN - Available Q1 2017	Option	Option
RAW DATA	No	No
WATER COLUMN TARGETS - Available Q4 2016	Option	Option
OPEN CLIENT SUPPORT**	Option	Option
RTK TIDES - Available Q2 2017	Option	Option
XYZ DATA FORMAT EXPORT	Option	Option
GSF DATA FORMAT EXPORT - Available Q2 2017	Option	Option

USER INTERFACE

CDX-VISUALISATION & CONTROL UI	Inc	Inc
TIME ZERO PRO (AVAILABLE Q1 2017) ***	Option	Option


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MINIMUM PC SPECS FOR CDX SOFTWARE

	MINIMUM	RECOMMENDED
OS	Windows 7,8,1,10	Windows 8,1,10
CPU	2Ghz, 2 Cores/4 Threads	2Ghz, 4 Cores/4 Threads
MEMORY	4GB	8GB
GRAPHICS	DirectX11	DirectX11
SCREEN RESOLUTION	1024 x 768	FHD-1920 x 1080
SSD	250GB	2TB
NETWORK	Ethernet-GbE, WiFi-802.11ac	Ethernet-GbE, WiFi-802.11ac
DUAL SCREEN SUPPORT	Yes	Yes

EQUIPMENT DIMENSIONS

	DIMENSIONS (LxWxH, MM)	WEIGHT
DRX	377 x 260 x 132	8.3kg
TRANSDUCER 80	527 x 336 x 130	39kg (with 20m cable)
TRANSDUCER 160	326 x 163 x 94	15kg (cable dependent)

WASSP requires (3rd party) position, heading, roll, pitch and heave data for electronic beam compensation/stabilization (not included in base package). See your local WASSP expert for more information/clarification. Specifications subject to possible change without notice.

*Depth capability subject to a variety of external factors.

**Open Client Support module is required for interfacing DRX to any 3rd party client application.

***Requires WASSP Open Client Support Module

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