OCEANMASTER

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OceanMaster

GNSS

- OCEANMASTER [1]

	DGPS	Fugro Marinestar®	IARTK	PPP	IAPPK	GNSS (60)
	0.5 - 2 m[2]	: 10 cm 95% : 15 cm 95%	: +/- (8 mm + 1 ppm x)[3] : +/- (15 mm + 1 ppm x)[3]	: < 0.1 m : < 0.2 m	: +/- (8 mm + 1 ppm x)[3] : +/- (15 mm + 1 ppm x)[3]	~ 6 (DGPS) ~ 3 (RTK) ~ 2 (PPDGNSS) ~ 1 (IAPPK)
[4]	0.02°	0.01°	0.01	< 0.01°	0.008°	0.03°
[4]	0.01° 4 m 0.02° 2 m	-	-	-	-	< 0.1° (< 60)
	5 cm 5%[5] 2 cm 2%[6]	-	-	-	-	5 cm 5%[5] 2 cm 2%[6]

PC

	L = 442 mm, W = 356 mm, H = 46 mm	3.9 kg	-20 ºC to +70 ºC	10 - 80% RH	120/230 V, 50/60 Hz,
	L = 167 mm, W = 185 mm, H = 68 mm	2.5 kg	-20 ºC to +60 ºC	0- 100% RH	10-34 V, 35 W ( )

IM

				IP
	L = 158 mm, W = 158 mm, H = 124 mm	2.5 kg	-40 ºC to +60 ºC	IP65
	Ø100 mm (Ø132 mm) X 104 mm[7]	2.7 kg	-40 ºC to +60 ºC	IP68

GN

GNSS	Ø178 mm, W = 73 mm	0.45 kg	-50 ºC to +70 ºC	0-100% RH

1
2
3 1 IMU-GNSS
4
5
6
7

1.

(10/100 base-T)

IMU GNSS

(1Hz) UDP

TCP/IP

(200 Hz) UDP

TCP/IP

2.