

HYDRA 60cm ANTENNA SPECIFICATION



DISH DIAMETER:	61cm
ANTENNA DIMENSION:	79cm(H) x 68cm(D)
ANTENNA WEIGHT (WITHOUT DOME):	22Kg (Based on 8W BUC)
RADOME MATERIAL:	Plastic
RX FREQUENCY:	10.95-12.75GHz
TX FREQUENCY:	13.75-14.5GHz
RX GAIN:	35.7dBi @ 11.75GHz
TX GAIN:	37.2dBi @ 14.25GHz
G/T:	13.5dB/K@12GHz
BUC:	8W
LNB:	Quad Band LNB
STABILISATION:	3-axis active stabilisation
SKEW CONTROL:	Automatic
ELEVATION ANGLE:	-10° to +100°
AZIMUTH ANGLE:	Unlimited
CROSS ANGLE:	+/-40°
TRACKING SPEED:	40° per sec
SHIPS MOTION:	Yaw: +/- 8° at 20sec period Pitch: +/- 7° at 8sec period Roll: +/- 20° at 8sec period
VIBRATION DAMPER:	Vibration damper
TEMPERATURE:	-20C to +55C
INPUT POWER:	90-264VAC full range, 47-63Hz
CONTROL INTERFACE:	Via local internet connection
GYRO COMPASS INPUT:	NMEA 0183, Synchro, Step by Step
PACKING SIZE:	80 x 80 x 60cm
GROSS WEIGHT (NO DOME):	31Kg
PACKAGING:	Cardboard