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♥ UNIT #401, PSR PRIME TOWER, BESIDE DLF CYBER CITY GACHIBOWLI, HYDERABAD, TELANGANA 500032

BHARATH 101

COMPLIANT WITH AIS 140

PRODUCT DATASHEET



Item	Specification
Chipset	MT6260
Memory	8 MB solid state Flash, 100K Erase and Program Cycle
	10 year data retention
G SM Module	Quad Band G SM 850/900/1800/1900Mhz , DCS G PRS: class10
	Coding Scheme CS1 to CS4
G NSS Module	G NSS:99 acq uisition-/ 33 tracking channels, Ultra high
	tracking/navigation sensitivity: -167dBm, Inbuilt patch antenna
	2.5 M CEP (50%)
Antennae	Internal
Communication Interface	TCP/IP over G PRS
Record Storage/buffer	41000 Tracking Records
Ports	1-USB Device type B, 2 Analog Input , 4 Digital input, 2 Digital
	output(O pen Drain)
	1 RS232 Port
Speed Sensor	G NSS (default)
SIM Interface	Supports both Embedded and normal 1.8V & 3V (Micro SIM) (Either 1)
G PRS Packet Data	Class 10 ; Class 8 (O ptional), Coding Scheme CS1 to CS4
LED Indication	Process, G SM, G NSS, USB Detection
Connectors	12 Pin connector
Power Supply	Wide DC input voltage range (9V - 32V)
Current Consumption	150mA during transmission, 50mA during tracking and < 20mA during Sleep Mode
Internal Battery	850mAh, 6 to 8 Hr backup
Enclosure	ABS plastic casing with IP67 rating
Temperature /	O perating: -25° C to +80° C
	Storage: -25° C to +85° C (Without Battery)
Dimension	120 x 85 x 34
Weight	170g
FOTA	Firmware upgrade O ver The Air available
Motion Sensor	3 Axis Accelerometer (Harsh acceleration,

Harsh Braking and Cornering)