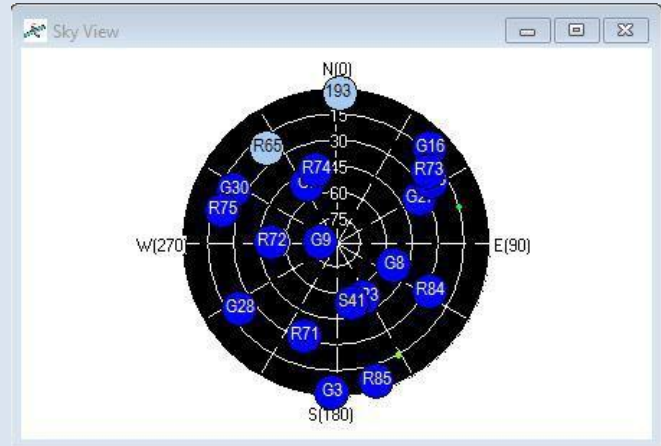# USB GPS Receiver(UIDAI Approved)

Make : JellyFish Telecommunication pvt. Ltd.

Made in India

Model no. JFT-AV01

Technical Specifications:

GPS chipset:	Chipset Media Tek
Protocols:	NMEA 0183, MEA0183 V3.0 protocol and supports commands GGA,GSA,GSV,RMC,VTG,GLL v2.2
Frequency:	GPS L1 Band Receiver (1575.42MHz)
	GLONASS L1 Band Receiver (1601.71MHz)
C/A Code:	1.023 MHz
Channels:	33 (Tracking), 99 (Acquisition)
Operating Temperature:	-40°C to 85°C
Humidity:	Upto 95% non-condensing
Sensitivity:	-161dBm to -167dBm

Accuracy:	Horizontal Position Accuracy	Autonomous	<2.5m CEP
	Velocity Accuracy	Without Aid	<0.1m/s
	Acceleration Accuracy	Without Aid	0.1m/s².
Anti-jamming:	Multi-tone active interference canceler.		

Acquisition Rate:

Hot Start: <2s
Warm Start: <32s
Cold Start: <32s
Reacquisition: <1s
Update Rate   1Hz
Baud Rate: 9600 bps

Dynamic Performance

Maximum Altitude: Max.18000m
Maximum Velocity: Max.515m/s
Maximum Acceleration: 4G

Physical Attributes

Diameter : 55mm
Height : 25mm
Cable Length : 2m

Electrical Characteristics

Voltage: 5.0 V USB
Current: 50mA (typical)