



AMBIMAT ELECTRONICS

Regd. Office : Ambimat Electronics, 1005-1006, Shivalik Shilp 2, Opp. ITC Narmada Hotel, Near Mansi Circle, Vastrapur, Ahmedabad 380015

Works : B/H St Xavier's School, Nr. Central Automobiles, Mirzapur Road, Ahmedabad - 380001.
Tel : (079)25501989 Website: www.ambimat.com Email : durgesh@ambimat.com

AE_SSNR_029

The screenshot displays the GNSS Viewer software interface. The main window is titled "GNSS Viewer Customer Release V2.1.155 for Phoenix". The interface is divided into several sections:

- Message (DGPS mode):** Shows raw GNSS data including SGNQGA, SGNGLL, SGNQSA, SGNRMC, SGNVTG, SGNZDA, and SPSTL.
- Response:** Displays "Device COM1 removed" and "New device COM1 arrived".
- COORDINATE:** Shows WGS84 coordinates: X: 1760268.503, Y: 5601053.553, Z: 2463793.977. Easting: -0.359, Northing: 0.683, UTM: -11.700.
- Information:** Shows RTK Info with fields for TTFF (29), Date (2024/07/27), Time (06:06:28), Boot Status, SW Version, SW Revision, Longitude (72°33'12.22020" E), Latitude (23°49'33360" N), Ellipsoidal H (41.10), Direction (0.00), Speed (0.00), and HDOP (0.90).
- Satellite Status:** A bar chart shows the status of various satellites including GPS, GLO, NAVIC, BDS, and GAL. The chart indicates 39 satellites are tracked.
- Earth View:** A 3D globe showing the current location with a compass rose and satellite icons.
- Scatter View:** A 2D scatter plot showing the movement of the device. The point count is 39/300. The plot includes axes for North (N) and East (E) in meters, with a scale of 1m. The 2D RMS is 0.2084 m and the CEP50% is 0.1659 m.
- Download:** Shows a download rate of 460800 and Master CRC: B58E. The file path is C:\Users\admin\Desktop\STL_03.00.01-01.07.32_Phoenix_GPS_Navic_combo_T_CRC_B58E_115200_20200729.bin.

GSTIN: 24AAHFA5064D1ZV

Design, Development, Fabrication & Installation of Custom Built Electronic Equipment as per Specification, Engineering Services & Manufacturers of Microprocessor based Electronic Equipment.



AMBIMAT ELECTRONICS

Regd. Office : Ambimat Electronics, 1005-1006, Shivalik Shilp 2, Opp. ITC Narmada Hotel, Near Mansi Circle, Vastrapur, Ahmedabad 380015

Works : B/H St Xavier's School, Nr. Central Automobiles, Mirzapur Road, Ahmedabad - 380001.
Tel : (079)25501989 Website: www.ambimat.com Email : durgesh@ambimat.com

AE_SSNR_029

The screenshot displays the GNSS Viewer software interface. The main window is titled "GNSS Viewer Customer Release V2.1.155 for Phoenix". The interface is divided into several sections:

- Information:** Shows RTK Info and RTK Info2. Key data includes:

TTFB	Date	Time	Boot Status	SW Version	SW Revision
0	2024/07/27	06:07:25			

Location data: Longitude 72°33'12.22440" E, Latitude 23°49'36.360" N, Ellipsoidal H 43.10, Direction 17.70, Speed 0.00, HDOP 0.90.
- Satellite Status:** A bar chart shows the status of various satellites. Legend includes GPS (blue), GLO (green), NAVIC (purple), BDS (orange), and GAL (light green). The chart shows 11 GPS satellites, 1 GLO satellite, and 1 NAVIC satellite.
- Message/Response:** Shows communication logs. The response section includes:

```
Device COM7 removed
New device COM7 arrived
Configure NMEA Message Interval success
Configure $RTT000 interval successfully
Configure Serial Port successfully
Configure navigation mode successfully
```
- COORDINATE:** Displays WGS84 coordinates:

WGS84_X	EAST
1760269.279	-0.051
WGS84_Y	NORTH
5601057.046	1.600
WGS84_Z	UP
2483796.579	-7.400
- Earth View:** A 3D globe showing the current location in India. A compass rose indicates North (N), South (S), East (E), and West (W).
- Scatter View:** A 2D plot showing the movement of the receiver. Point count: 67 / 300. The plot shows a path of points in a grid. Scale: 1m. COOR: ENU. 2D RMS: 1.3694 m. CEP50%: 1.1249 m. Buttons for "Set Origin" and "Clear" are present.
- Download:** Shows a download rate of 460800 and Master CRC: B58E. CS: 9E(158). File path: C:\Users\admin\Desktop\IST1_03.00.01-01.07.32_Phoenix_GPS_Navic_combo_T_CRC_B58E_115200_20200729.bin

GSTIN: 24AAHFA5064D1ZV

Design, Development, Fabrication & Installation of Custom Built Electronic Equipment as per Specification, Engineering Services & Manufacturers of Microprocessor based Electronic Equipment.