



# 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\_017

The screenshot displays the GNSS Viewer software interface. The top menu includes File, Binary, Venus, Phoenix, BAW, BTK, INS DR, PPS Timing, Ephemeris, GPS, Converter, and Help. The main window is divided into several sections:

- Information:** Shows RTK Info and RTK Info2. RTK Info includes TTFF (31), Date (2024/07/27), Time (05:35:29), Boot Status, SW Version, and SW Revision. RTK Info2 includes Longitude (72°33'12.27840" E), Latitude (23°49'29.040" N), Ellipsoidal H (26.80), Direction (0.00), Speed (0.00), and HDOP (1.00).
- Signal Strength:** A bar chart showing signal strength for various satellites. The legend includes GPS (blue), GLO (green), NAVIC (purple), BDS (orange), and GAL (light green). The chart shows 39 satellites with varying signal strengths.
- Earth View:** A 3D globe showing the current location and satellite positions. A compass rose indicates North (N), South (S), East (E), and West (W).
- Scatter View:** A 2D scatter plot showing the distribution of points. The point count is 39/300. The plot includes axes for North (N) and South (S), and West (W) and East (E). The 2D RMS is 1.6258 m and the CEP50% is 1.2796 m.
- COORDINATE:** A table showing WGS84 coordinates and their corresponding Easting, Northing, and UTM values.
- Command:** A section with buttons for Hot Start, Warm Start, Cold Start(R), No Output, NMEA0183, Binary, Scan All, Scan Port, and Scan Baud.

The bottom status bar shows the download rate (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\_017

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 status (TFFF: 0), Date (2024/07/27), Time (05:36:30), Boot Status, SW Version, and SW Revision.
- RTK Info:** Displays coordinates: Longitude (72°33'12.21720" E), Latitude (23°49'47880" N), Ellipsoidal H (41.10), Direction (45.00), Speed (0.00), and HDOP (1.00).
- Satellite Status:** A bar chart shows signal strength for various satellites. The legend includes GPS (blue), GLO (green), NAVIC (purple), BDS (orange), and GAL (light green). The current mode is set to "1L1 C/A".
- Message/Response:** Shows communication logs, including "New device COM7 arrived" and "Configure navigation mode successfully".
- COORDINATE:** A table displays WGS84 and Easting/Northing coordinates.

WGS84_X	EAST
1760269.146	-5.300
WGS84_Y	NORTH
5601054.605	11.518
WGS84_Z	UP
2463000.176	42.200
- Earth View:** A 3D globe showing satellite positions over the Indian subcontinent. A compass rose indicates North (N), South (S), East (E), and West (W).
- Scatter View:** A 2D plot showing point distribution. The point count is 73/300. The plot includes axes for Easting (E) and Northing (N) in meters. The 2D RMS is 2.5710 m and the CEP is 2.0989 m.
- Command:** Buttons for "Hot Start", "Warm Start", "Cold Start(R)", "No Output", "NMEA0183", "Binary", "Scan All", "Scan Port", and "Scan Baud".
- Download:** Shows a file path: "C:\Users\admin\Desktop\IST1\_03.00.01-01.07.32\_Phoenix\_GPS\_Navic\_combo\_T\_CRC\_B50E\_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.