



AMBIMAT ELECTRONICS

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AE_SSNR_031

The screenshot displays the GNSS Viewer software interface for a Phoenix device. The main window shows RTK information and satellite status. The RTK Info. tab is active, displaying the following data:

| TTF | Date | Time | Boot Status | SW Version | SW Revision |
|------------------|-----------------|---------------|-------------|------------|-------------|
| 51 | 2024/07/30 | 10:44:12 | | | |
| Longitude | Latitude | Ellipsoidal H | Direction | Speed | HDOP |
| 72°31'2.40960" E | 23°9'0.45660" N | 33.60 | 151.10 | 0.00 | 1.80 |

The satellite status section shows the following active satellites:

| Satellite | Signal | Strength | SNR |
|-----------|--|----------|--|
| GPS | 11.1 C/A | 4S-RS | 36 |
| BDS | 25, 29, 30, 34, 38, 44, 37, 32, 38, 38, 34, 38, 37, 36 | | 10, 23, 25, 28, 21, 48, 41, 1, 2, 3, 5, 7, 9, 10 |
| GAL | | | |

The interface also includes a Message window (DGPS mode) with NMEA sentences, a Response window showing device communication logs, and a Command window with buttons for Hot Start, Warm Start, Cold Start(R), No Output, NMEA0183, Binary, Scan All, Scan Port, and Scan Baud. The Earth View window shows a globe with satellite positions, and the Scatter View window shows a 2D plot of satellite positions with a point count of 300/300. The download section shows a file path and CRC information.

GSTIN: 24AAHFA5064D1ZV

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



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AE_SSNR_031

GNSS Viewer Customer Release V2.1.155 for Phoenix

File Binary Venus Phoenix BAW GTK JNS DR 1PPS Timing Ephemeris AGPS Converter Help

Com Port: COM3 Baudrate: 9600 Connect: [Green Arrow]

Information: RTK Info. RTK Info2.

| | | | | | |
|------|------------|----------|-------------|------------|-------------|
| TTFB | Date | Time | Boot Status | SW Version | SW Revision |
| 0 | 2024/07/30 | 10:46:00 | | | |

| | | | | | |
|------------------|------------------|---------------|-----------|-------|------|
| Longitude | Latitude | Ellipsoidal H | Direction | Speed | HDOP |
| 72°31'3.58500" E | 23°8'59.35920" N | 101.60 | 336.80 | 0.00 | 1.50 |

GPS GLO NAVIC 1.1 C/A 4S-RS

BDS GAL

Message: Position fix 3D.
\$GNGSA,A,3,02,09,10,5.0,2.7,4.2,4*38
\$GNRMC,104558.000,A,2308.98455,N,07231.064
\$GNGGA,104559.000,2308.98932,N,07231.05975,E
\$GNGSA,A,3,08,10,23,28,31,2.1,1.5,1.4,1*33
\$GNGSA,A,3,02,09,10,2.1,1.5,1.4,4*3C
\$GNRMC,104559.000,A,2308.98932,N,07231.059
\$GNGGA,104600.000,2308.99209,N,07231.05742,E
\$GNGSA,A,3,08,10,23,28,31,2.1,1.5,1.4,1*33

Response: Configure Serial Port successfully, Configure navigation mode successful, Device COM3 removed, New device COM3 arrived, Configure NMEA Message Interval success, Configure PRTT007 interval successful, Configure Serial Port successfully, Configure navigation mode successful.

COORDINATE

| | |
|-------------|---------|
| WGS84_X | EAST |
| 1762725.168 | 21.984 |
| WGS84_Y | NORTH |
| 5596693.833 | -31.674 |
| WGS84_Z | UP |
| 2492024.824 | 81.600 |

Command: Hot Start, Warm Start, Cold Start(R), No Output, NMEA0183, Binary, Scan All, Scan Port, Scan Baud

Earth View: [Globe with satellite icons]

Scatter View: (m) Point count: 300 / 300

Download: 460800 Master CRC: B58E CS: 9E(158)
C:\Users\admin\Desktop\STI_03.00.01-01.07.32_Phoenix_GPS_Navic_combo_T_CRC_B58E_115200_20200729.bin

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