



# 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\_003

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: 115200 Connect: [Green Arrow]

Information: RTK Info. RTK Info2.

TTFB	Date	Time	Boot Status	SW Version	SW Revision
19	2024/07/30	11:00:16			

Longitude	Latitude	Ellipsoidal H	Direction	Speed	HDOP
72°31'3.01500" E	23°9'0.13500" N	18.90	120.00	0.00	1.40

GPS GLO NAVIC 1.1 C/A 4S-RS

BDS GAL

Message: DGPS mode  
\$GNGGA,110015.000,2309.00225,N,07231.05025,E,1  
\$GNGLL,2309.00225,N,07231.05025,E,110015.000  
\$GNGSA,A,3,10,23,25,26,28,31,32,196,2.3,1.4,1  
\$GNGSA,A,3,02,09,06,2.3,1.4,1.8,4\*34  
\$GNRMC,110015.000,A,2309.00225,N,07231.0500  
\$GNVTG,120.0,T,M,0.00,N,0.00,K,D\*15  
\$GNZDA,110015.000,30,07,2024,00,00\*4C  
\$PSTL007,110015.000,0,0,0,0\*2F

Response: Device COM3 removed, New device COM3 arrived, Configure NMEA Message Interval success, Configure PRTI007 interval successful, Configure Serial Port successfully, Configure navigation mode successful, Device COM3 removed, New device COM3 arrived

COORDINATE

WGS84_X	EAST
1762715.740	-2.816
WGS84_Y	NORTH
5596581.344	0.997
WGS84_Z	UP
2492013.270	-24.200

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

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

Earth View: [Globe with satellite positions]

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

Legend: GPS, Glonass, Beidou, Galileo, NavIC

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\_003

**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]

**Message** Position fix 3D:

\$GNGSA,A,3,02,09,2.0,1.1,1.6,4\*3A  
\$GNRMC,110432.000,A,2309.00177,N,07231.049,E,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0  
\$GNGGA,110433.000,2309.00145,N,07231.04999,E,1.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0  
\$GNGSA,A,3,10,21,23,25,26,28,31,196,2.1,1,3,1  
\$GNGSA,A,3,09,2.1,1,3,1,7,4\*3A  
\$GNRMC,110433.000,A,2309.00145,N,07231.049E,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0  
\$GNGGA,110434.000,2309.00127,N,07231.05023,E,1.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0  
\$GNGSA,A,3,10,21,23,25,26,28,31,196,2.1,1,3,1

**Response**

Configure NMEA Message Interval successful  
Configure \$PRTI007 interval successful  
Configure Serial Port successfully  
Configure navigation mode successful  
Device COM3 removed  
New device COM3 arrived  
Configure NMEA Message Interval successful  
Configure NMEA Message Interval successful

**COORDINATE**

WGS84_X	EAST
1762719.293	-3.260
WGS84_Y	NORTH
5596591.149	-0.480
WGS84_Z	UP
2492016.119	-13.500

**Command**

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

**Information** RTK Info. RTK Info2.

TTFB	Date	Time	Boot Status	SW Version	SW Revision
0	2024/07/30	11:04:35			

Longitude	Latitude	Ellipsoidal H	Direction	Speed	HDOP
72°31'3.01380" E	23°9'0.07620" N	30.20	124.60	1.30	1.30

**Satellite Status**

GPS GLO NAVIC 1.1 C/A 4S-RS

40 41 42 43 30 37 33 38 21 43 41 28 42 44 35 38 34 32 35 28 27 33 24

1 2 3 4 18 21 23 25 26 27 28 31 32 33 34 35 36 1 2 3 4 6 9 18

BDS GAL

**Earth View**

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

GSTIN: 24AAHFA5064D1ZV

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