UBLOX U6 U7 U8

You can send instruction through serial port, please choose HEX when you use computer serial software

UBLOX module initialization requires 300ms,after 300ms, please send the hexadecimal configuration command through the serial port from the CPU

1.close output command

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

24 45 49 47 50 51 2c 44 54 4d 2a 33 42 0d 0a b5 62 06 01 03 00 f0 0a 00 04 23 --> Close GPDTM OutPut

24 45 49 47 50 51 2c 47 42 53 2a 33 30 0d 0a b5 62 06 01 03 00 f0 09 00 03 21 --> Close GPGBS OutPut

24 45 49 47 50 51 2c 47 47 41 2a 32 37 0d 0a b5 62 06 01 03 00 f0 00 00 fa 0f --> Close GPGGA OutPut

24 45 49 47 50 51 2c 47 4c 4c 2a 32 31 0d 0a b5 62 06 01 03 00 f0 01 00 fb 11 --> Close GPGLL OutPut

24 45 49 47 50 51 2c 47 52 53 2a 32 30 0d 0a b5 62 06 01 03 00 f0 06 00 00 1b --> Close GPGRS OutPut

24 45 49 47 50 51 2c 47 53 41 2a 33 33 0d 0a b5 62 06 01 03 00 f0 02 00 fc 13 --> Close GPGSA OutPut

24 45 49 47 50 51 2c 47 53 54 2a 32 36 0d 0a b5 62 06 01 03 00 f0 07 00 01 1d --> Close GPGST OutPut

24 45 49 47 50 51 2c 47 53 56 2a 32 34 0d 0a b5 62 06 01 03 00 f0 03 00 fd 15 --> Close GPGSV OutPut

24 45 49 47 50 51 2c 52 4d 43 2a 33 41 0d 0a b5 62 06 01 03 00 f0 04 00 fe 17 --> Close GPRMC OutPut

24 45 49 47 50 51 2c 56 54 47 2a 32 33 0d 0a b5 62 06 01 03 00 f0 05 00 ff 19 --> Close GPVTG OutPut

24 45 49 47 50 51 2c 5a 44 41 2a 33 39 0d 0a b5 62 06 01 03 00 f0 08 00 02 1f --> Close GPZDA OutPut

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

2.open output command

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24 45 49 47 50 51 2c 44 54 4d 2a 33 42 0d 0a b5 62 06 01 03 00 f0 0a 01 05 24 --> Open GPDTM OutPut

24 45 49 47 50 51 2c 47 42 53 2a 33 30 0d 0a b5 62 06 01 03 00 f0 09 01 04 22 --> Open GPGBS OutPut

24 45 49 47 50 51 2c 47 47 41 2a 32 37 0d 0a b5 62 06 01 03 00 f0 00 01 fb 10 --> Open GPGGA OutPut

24 45 49 47 50 51 2c 47 4c 4c 2a 32 31 0d 0a b5 62 06 01 03 00 f0 01 01 fc 12 --> Open GPGLL OutPut

24 45 49 47 50 51 2c 47 52 53 2a 32 30 0d 0a b5 62 06 01 03 00 f0 06 01 01 1c --> Open GPGRS OutPut

24 45 49 47 50 51 2c 47 53 41 2a 33 33 0d 0a b5 62 06 01 03 00 f0 02 01 fd14 --> Open GPGSA OutPut

24 45 49 47 50 51 2c 47 53 54 2a 32 36 0d 0a b5 62 06 01 03 00 f0 07 01 02 1e --> Open GPGST OutPut

24 45 49 47 50 51 2c 47 53 56 2a 32 34 0d 0a b5 62 06 01 03 00 f0 03 01 fe16 --> Open GPGSV OutPut

24 45 49 47 50 51 2c 52 4d 43 2a 33 41 0d 0a b5 62 06 01 03 00 f0 04 01 ff18 --> Open GPRMC OutPut

24 45 49 47 50 51 2c 56 54 47 2a 32 33 0d 0a b5 62 06 01 03 00 f0 05 01 00 1a --> Open GPVTG OutPut

24 45 49 47 50 51 2c 5a 44 41 2a 33 39 0d 0a b5 62 06 01 03 00 f0 08 01 03 20 --> Open GPZDA OutPut

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

3.set baud rate

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

set 4800

b5 62 06 00 14 00 01 00 00 00 d0 08 00 00 c0 12 00 00 07 00 07 00 00 00 00 00 d3 fc b5 62 06 00 01 00 01 08 22

set 9600

b5 62 06 00 14 00 01 00 00 00 d0 08 00 00 80 25 00 00 07 00 07 00 00 00 00 00 a6 cd b5 62 06 00 01 00 01 08 22

set 19200

B5 62 06 00 14 00 01 00 00 00 D0 08 00 00 00 4B 00 00 07 00 03 00 00 00 00 00 48 57

Set 38400

b5 62 06 00 14 00 01 00 00 00 d0 08 00 00 00 96 00 00 07 00 07 00 00 00 00 00 97 a8

set 115200

b5 62 06 00 14 00 01 00 00 00 d0 08 00 00 00 c2 01 00 07 00 07 00 00 00 00 00 c4 96 b5 62 06 00 01 00 01 08 22

set 57600

B5 62 06 00 14 00 01 00 00 00 D0 08 00 00 00 E1 00 00 07 00 03 00 00 00 00 00 DE C9

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

4.save setting

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

5.UBLOX working mode switch

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0-portable

B5 62 06 24 24 00 FF FF 00 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 00 3C 00 0000 00 00 00 00 00 00 00 00 00 4C 1C B5 62 06 24 00 00 2A 84

1-Fixed

B5 62 06 24 24 00 FF FF 01 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 00 3C 00 00 00 00 00 00 00 00 00 00 00 00 4D 3E B5 62 06 24 00 00 2A 84

2-Stationary

B5 62 06 24 24 00 FF FF 02 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 00 3C 00 00 00 00 00 00 00 00 00 00 00 00 4E 60 B5 62 06 24 00 00 2A 84

3-Pedestrian

B5 62 06 24 24 00 FF FF 03 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 00 3C 00 00 00 00 00 00 00 00 00 00 00 00 4F 82 B5 62 06 24 00 00 2A 84

4-Automotive

B5 62 06 24 24 00 FF FF 04 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 00 3C 00 00 00 00 00 00 00 00 00 00 00 00 50 A4 B5 62 06 24 00 00 2A 84

5-Sea

B5 62 06 24 24 00 FF FF 05 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 00 3C 00 00 00 00 00 00 00 00 00 00 00 00 51 C6 B5 62 06 24 00 00 2A 84

6-Airborne 1

B5 62 06 24 24 00 FF FF 06 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 00 3C 00 00 00 00 00 00 00 00 00 00 00 00 52 E8 B5 62 06 24 00 00 2A 84

7-Airborne 2

B5 62 06 24 24 00 FF FF 07 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 00 3C 00 00 00 00 00 00 00 00 00 00 00 00 53 0A B5 62 06 24 00 00 2A 84

8-Airborne 4g

B5 62 06 24 24 00 FF FF 08 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 00 3C 00 00 00 00 00 00 00 00 00 00 00 00 54 2C B5 62 06 24 00 00 2A 84

6.UBLOX Output 1HZ - 5HZ mode switch

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1Hz mode(1 second output 1 data)

B5 62 06 08 06 00 E8 03 01 00 01 00 01 39

2Hz mode(1 second output 2 times data)

B5 62 06 08 06 00 F4 01 01 00 01 00 0B 77

5Hz mode(1 second output 5 times data)

B5 62 06 08 06 00 C8 00 01 00 01 00 DE 6A B5 62 06 08 00 00 0E 30

4Hz mode(1 second output 4 times data)

B5 62 06 08 06 00 FA 00 01 00 01 00 10 96B5 62 06 08 00 00 0E 30

10Hz mode(1 second output 10 times data)

B5 62 06 08 06 00 64 00 01 00 01 00 7A 12 B5 62 06 08 00 00 0E 30

8Hz mode(1 second output 8 times data)

B5 62 06 08 06 00 7D 00 01 00 01 00 93 A8 B5 62 06 08 00 00 0E 30

0.33Hz模式(3 second output 1 times data)

B5 62 06 08 06 00 B8 0B 01 00 01 00 D9 41 B5 62 06 08 00 00 0E 30

0.2Hz mode(5 second output 1 times data)

B5 62 06 08 06 00 88 13 01 00 01 00 B1 49 B5 62 06 08 00 00 0E 30

0.1Hz mode(10 second output 1 times data)

B5 62 06 08 06 00 10 27 01 00 01 00 4D DD B5 62 06 08 00 00 0E 30

0.05Hz mode(20second output 1 times data)

B5 62 06 08 06 00 20 4E 01 00 01 00 84 00 B5 62 06 08 00 00 0E 30

0.02Hz mode(60 second output 1 times data)

B5 62 06 08 06 00 60 EA 01 00 01 00 60 8C

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7. Offline AGPS, automatically calculate 3 days of ephemeris

AssistNow Autonomous Status命令:

B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA

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8.Common control commands：

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Reset

B5 62 06 04 04 00 FF 87 01 00 95 F7

Cold start  
B5 62 06 04 04 00 FF FF 02 00 0E 61   
  
Hot start  
B5 62 06 04 04 00 00 00 02 00 10 68

Set the output statement to the SIRF mode

B5 62 06 17 04 00 0F 23 00 03 56 91 B5 62 06 17 00 00 1D 5D

Restore factory configuration

B5 62 06 09 0D 00 FF FF 00 00 00 00 00 00 FF FF 00 00 07 1F 9E

U7 program, use the GLONASS switch command:

B5 62 06 3E 24 00 00 00 16 04 00 04 FF 00 00 00 00 00 01 01 03 00 00 00 00 00 05 00 03 00 00 00 00 00 06 08 FF 00 01 00 00 00 A0 D9 B5 62 06 3E 00 00 42 D2

U7 program, use the GPS switch command:

B5 62 06 3E 24 00 00 00 16 04 00 04 FF 00 01 00 00 01 01 01 03 00 00 00 00 01 05 00 03 00 00 00 00 01 06 08 FF 00 00 00 00 01 A4 25

U8 program, use the Beidou switch command

B5 62 06 3E 2C 00 00 00 20 05 00 08 10 00 00 00 01 01 01 01 03 00 00 00 01 01 03 08 10 00 01 00 01 01 05 00 03 00 00 00 01 01 06 08 0E 00 00 00 01 01 FC 01

U8 program, use the GLONASS switch command

B5 62 06 3E 24 00 00 00 16 04 00 04 FF 00 00 00 00 00 01 01 03 00 00 00 00 00 05 00 03 00 00 00 00 00 06 08 FF 00 01 00 00 00 A0 D9 B5 62 06 3E 00 00 42 D2

U8 program, use the GLONASS+Beidou switch command

B5 62 06 3E 2C 00 00 00 16 05 00 04 FF 00 00 00 01 01 01 01 03 00 00 00 01 01 03 08 10 00 01 00 01 01 05 00 03 00 00 00 01 01 06 08 FF 00 01 00 01 01 CF E5

U8 program, use the GLONASS+GPS switch command

B5 62 06 3E 24 00 00 00 16 04 00 04 FF 00 01 00 00 01 01 01 03 00 00 00 00 01 05 00 03 00 00 00 00 01 06 08 FF 00 01 00 00 01 A5 29 B5 62 06 3E 00 00 44 D2

U8 program, use the GPS+Beidou switch command

B5 62 06 3E 2C 00 00 00 20 05 00 08 10 00 01 00 01 01 01 01 03 00 00 00 01 01 03 08 10 00 01 00 01 01 05 00 03 00 00 00 01 01 06 08 0E 00 00 00 01 01 FD 25 B5 62 06 17 14 00 00 41 00 02 00 00 00 00 00 00 00 01 00 00 00 00 00 00 00 00 75 57 B5 62 06 17 00 00 1D 5D

U8 program, use GPS switch command

B5 62 06 3E 2C 00 00 00 20 05 00 08 10 00 01 00 01 01 01 01 03 00 00 00 01 01 03 08 10 00 00 00 01 01 05 00 03 00 00 00 01 01 06 08 0E 00 00 00 01 01 FC 11

U6,U7,U8 low power mode

B5 62 06 04 04 00 00 00 08 00 16 74

No signal, continue to output the last latitude and longitude command

B5 62 06 17 04 00 01 23 00 02 47 58

Modify the output protocol for NMEA version 4.1

B5 62 06 17 14 00 00 41 00 02 00 00 00 00 00 00 00 01 00 00 00 00 00 00 00 00 75 57 B5 62 06 17 00 00 1D 5D

U6 series, do not position the output PPS high and low level

B5 62 06 07 14 00 40 42 0F 00 A0 86 01 00 01 01 01 00 34 03 00 00 00 00 00 00 13 9B

U6 series, turn off the PPS high and low when not positioning

B5 62 06 09 0D 00 FF FF 00 00 00 00 00 00 FF FF 00 00 03 1B 9A

9. Common configuration scheme：

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portable 3D PDOP mask 10，TDOP mask 10，P ACC、TACC 100,STH 0.6

B5 62 06 24 24 00 FF FF 00 02 00 00 00 00 10 27 00 00 05 00 64 00 64 00 64 00 64 00 3C 00 00 00 00 00 00 00 00 00 00 00 00 00 56 0C B5 62 06 24 00 00 2A 84

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Car 3D PDOP mask 10，TDOP mask 10，P ACC、TACC 100,STH 1

B5 62 06 24 24 00 FF FF 04 02 00 00 00 00 10 27 00 00 05 00 96 00 96 00 64 00 64 00 64 3C 00 00 00 00 00 00 00 00 00 00 00 00 22 04 B5 62 06 24 00 00 2A 84

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Configuration 1：Portable mode，only use 3D targeting，PDOP,TDOP Thresholds are 10，P Accuracy Mask,T Accuracy Mask均为50m,Static Hold Threshold为0.5m/s

Open AssistNow Autonomous Status command：B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA

Configure the drift suppression parameter command：B5 62 06 24 24 00 FF FF 00 02 00 00 00 00 10 27 00 00 05 00 64 00 64 00 32 00 32 00 32 00 00 00 00 00 00 00 00 00 00 00 00 00 E8 DC

Save the current configuration command：B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

Configuration 2：Portable mode，only use 3D targeting，PDOP,TDOP thresholds are 15，P Accuracy Mask,T Accuracy Mask is 50m,Static Hold Threshold为0.5m/s

Open Assist Now Autonomous Status command：B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA

Configure the drift suppression parameter command：B5 62 06 24 24 00 FF FF 00 02 00 00 00 00 10 27 00 00 05 00 96 00 96 00 32 00 32 00 32 00 00 00 00 00 00 00 00 00 00 00 00 00 4C 10

Save the current configuration command：B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

Configuration 3：Portable mode，only use 3D targeting，PDOP,TDOP thresholds are 15，P Accuracy Mask,T Accuracy Mask is 100m,Static Hold Threshold为0.5m/s

Open AssistNow Autonomous Status command：B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA

Open Assist Now Autonomous Status command：B5 62 06 24 24 00 FF FF 00 02 00 00 00 00 10 27 00 00 05 00 96 00 96 00 64 00 64 00 32 00 00 00 00 00 00 00 00 00 00 00 00 00 B0 B4

Save the current configuration command：B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

Configuration 4：Pedestrian mode，only use 3D targeting，PDOP,TDOP thresholds are 10，P Accuracy Mask,T Accuracy Mask is 50m,Static Hold Threshold为0.5m/s。

Open AssistNow Autonomous Status command：B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA

Configure the drift suppression parameter command：B5 62 06 24 24 00 FF FF 03 02 00 00 00 00 10 27 00 00 05 00 64 00 64 00 32 00 32 00 32 00 00 00 00 00 00 00 00 00 00 00 00 00 EB 42

Save the current configuration command：B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

Configuration 5：Pedestrian mode，only use 3D targeting，PDOP,TDOP thresholds are 15，P Accuracy Mask,T Accuracy Mask is 50m,Static Hold Threshold is 0.5m/s。

Open AssistNow Autonomous Status command：B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA

Configure the drift suppression parameter command：B5 62 06 24 24 00 FF FF 03 02 00 00 00 00 10 27 00 00 05 00 96 00 96 00 32 00 32 00 32 00 00 00 00 00 00 00 00 00 00 00 00 00 4F 76

Save the current configuration command：B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

Configuration 6：Pedestrian mode，only use 3D targeting, TDOP thresholds are 15，P Accuracy Mask,T Accuracy Maskis 100m,Static Hold Threshold is 0.5m/s

Open AssistNow Autonomous Status命令：B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA

Configure the drift suppression parameter command：B5 62 06 24 24 00 FF FF 03 02 00 00 00 00 10 27 00 00 05 00 96 00 96 00 64 00 64 00 32 00 00 00 00 00 00 00 00 00 00 00 00 00 B3 1AB5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CAB5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

Save the current configuration command：B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

Configuration 7：Portable mode，default is Auto 2D/3D targeting,PDOP,TDOP is 25，P Accuracy Mask is 100m,T Accuracy Mask is 300m,Static Hold Threshold为0.5m/s。

Open AssistNow Autonomous Status command：B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA

Configure the drift suppression parameter command：B5 62 06 24 24 00 FF FF 00 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 32 3C 00 00 00 00 00 00 00 00 00 00 00 00 7E D8

Save the current configuration command：B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

Configuration 8：Portable mode，default is Auto 2D/3D targeting,PDOP,TDOP is 15，P Accuracy Mask is 50m,T Accuracy Mask is 100m,Static Hold Threshold is 0.5m/s

Open AssistNow Autonomous Status command ：B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA

Configure the drift suppression parameter command：B5 62 06 24 24 00 FF FF 00 03 00 00 00 00 10 27 00 00 05 00 96 00 96 00 32 00 64 00 32 3C 00 00 00 00 00 00 00 00 00 00 00 00 BB 5D

Save the current configuration command：：B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

Configuration 9：Portable mode，default is Auto 2D/3D targeting,PDOP,TDOP is 15，P Accuracy Mask is 50m,T Accuracy Mask is 50m,Static Hold Threshold is 0.5m/s

Open AssistNow Autonomous Status command：B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA

Configure the drift suppression parameter command：B5 62 06 24 24 00 FF FF 00 03 00 00 00 00 10 27 00 00 05 00 64 00 64 00 32 00 32 00 32 3C 00 00 00 00 00 00 00 00 00 00 00 00 25 09

Configuration 10：Portable mode，default Auto 2D/3D targeting, PDOP,TDOP is 150，P Accuracy Mask is 500m,T Accuracy Mask is 500m,Static Hold Threshold is 0.0m/s。

B5 62 06 24 24 00 FF FF 00 03 00 00 00 00 10 27 00 00 05 00 DC 05 DC 05 F4 01 F4 01 00 3C 00 00 00 00 00 00 00 00 00 00 00 00 73 A9

(Watch program, timing, set the coordinates of the preferred 11 settings)

Configuration 11：2-Stationary mode，default Auto 2D/3D targeting, PDOP,TDOP is 300，P Accuracy Mask is 500m,T Accuracy Mask is 500m,Static Hold Threshold is 1m/s。

B5 62 06 24 24 00 FF FF 02 01 00 00 00 00 10 27 00 00 05 00 B8 0B B8 0B F4 01 F4 01 64 3C 00 00 00 00 00 00 00 00 00 00 00 00 9B 2B B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

Configuration 12：Portable mode, default Auto 2D/3D targeting, PDOP,TDOP is 50，P Accuracy Mask is 300m,T Accuracy Mask is 300m,Static Hold Threshold is 0.8m/s。

B5 62 06 17 04 00 0A 23 00 02 50 7C B5 62 06 17 00 00 1D 5D B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA B5 62 06 24 24 00 FF FF 00 01 00 00 00 00 10 27 00 00 05 00 F4 01 F4 01 2C 01 2C 01 50 3C 00 00 00 00 00 00 00 00 00 00 00 00 59 87 B5 62 06 24 00 00 2A 84 B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

Configuration 13：Portable mode，default Auto 2D/3D targeting, PDOP,TDOP is 25，P Accuracy Mask is 150m,T Accuracy Mask is 300m,Static Hold Threshold is 0.9m/s

B5 62 06 24 24 00 FF FF 00 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 96 00 2C 01 5A 3C 00 00 00 00 00 00 00 00 00 00 00 00 D8 8C B5 62 06 24 00 00 2A 84B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CAB5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

Configuration 14：Portable mode, default Auto 2D/3D targeting, PDOP,TDOP is 15，P Accuracy Mask is 80m,T Accuracy Mask is 100m,Static Hold Threshold is 0.5m/s。

B5 62 06 24 24 00 FF FF 00 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 96 00 2C 01 5A 3C 00 00 00 00 00 00 00 00 00 00 00 00 D8 8C B5 62 06 24 00 00 2A 84 B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

Configuration 15：car mode，2D / 3D automatic, positioningPDOP,TDOP is 25，P Accuracy Mask is 100m,T Accuracy Mask is 300m,Static Hold Threshold为0.8m/s，Increase the automatic calculation of 3 days ephemeris, with save

B5 62 06 24 24 00 FF FF 04 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 50 3C 00 00 00 00 00 00 00 00 00 00 00 00 A0 04 B5 62 06 24 00 00 2A 84 B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

Configuration 16：Portable mode, default Auto 2D/3D targeting, PDOP,TDOP is 25，P Accuracy Mask is 100m,T Accuracy Mask is 300m,Static Hold Threshold is 0.9m/s，Increase the automatic calculation of 3 days ephemeris, with save

B5 62 06 24 24 00 FF FF 00 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 5A 3C 00 00 00 00 00 00 00 00 00 00 00 00 A6 08B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CAB5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

Configuration 17： car mode ，2D / 3D auto, positioning, PDOP, TDOP are set to 25 P Accuracy Mask is 100m,T Accuracy Mask is 300m,Static Hold Threshold is 0.8m/s，Increase the automatic calculation of 3 days ephemeris, with save

B5 62 06 24 24 00 FF FF 04 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 5A 3C 00 00 00 00 00 00 00 00 00 00 00 00 AA 90B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CAB5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

Configuration 18：Portable mode，2D / 3D auto, positioning, PDOP, TDOP is 25，P Accuracy Mask is 100m,T Accuracy Mask is 300m,Static Hold Threshold is 0.6m/s，Increase the automatic calculation of 3 days ephemeris, with save

B5 62 06 24 24 00 FF FF 04 03 00 00 00 00 10 27 00 00 05 00 FA 00 FA 00 64 00 2C 01 3C 3C 00 00 00 00 00 00 00 00 00 00 00 00 8C EC B5 62 06 24 00 00 2A 84 B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

Measuring acres of equipment program：

B5 62 06 24 24 00 FF FF 00 03 00 00 00 00 10 27 00 00 05 00 C8 00 C8 00 64 00 C8 00 28 3C 00 00 00 00 00 00 00 00 00 00 00 00 AB C9 B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF

Measuring acres of equipment program:20140521：

B5 62 06 24 24 00 FF FF 00 03 00 00 00 00 10 27 00 00 05 00 96 00 96 00 64 00 96 00 1E 3C 00 00 00 00 00 00 00 00 00 00 00 00 0B E9

3HZ GGA VTG 9600 SAVE

24 45 49 47 50 51 2c 44 54 4d 2a 33 42 0d 0a b5 62 06 01 03 00 f0 0a 00 04 23 24 45 49 47 50 51 2c 47 42 53 2a 33 30 0d 0a b5 62 06 01 03 00 f0 09 00 03 21 24 45 49 47 50 51 2c 47 4c 4c 2a 32 31 0d 0a b5 62 06 01 03 00 f0 01 00 fb 11 24 45 49 47 50 51 2c 47 52 53 2a 32 30 0d 0a b5 62 06 01 03 00 f0 06 00 00 1b 24 45 49 47 50 51 2c 47 53 41 2a 33 33 0d 0a b5 62 06 01 03 00 f0 02 00 fc 13 24 45 49 47 50 51 2c 47 53 54 2a 32 36 0d 0a b5 62 06 01 03 00 f0 07 00 01 1d 24 45 49 47 50 51 2c 47 53 56 2a 32 34 0d 0a b5 62 06 01 03 00 f0 03 00 fd 15 24 45 49 47 50 51 2c 52 4d 43 2a 33 41 0d 0a b5 62 06 01 03 00 f0 04 00 fe 17 24 45 49 47 50 51 2c 5a 44 41 2a 33 39 0d 0a b5 62 06 01 03 00 f0 08 00 02 1f B5 62 06 08 06 00 4D 01 01 00 01 00 64 8D B5 62 06 23 28 00 00 00 4C 46 00 00 00 00 00 00 03 10 07 00 00 00 00 00 43 06 00 00 00 00 00 00 00 01 00 00 78 00 00 00 00 00 00 00 00 00 BF CA b5 62 06 09 0d 00 00 00 00 00 ffff 00 00 00 00 00 00 07 21 af

The general principle，PDOP,TDOP threshold setting, the smaller the positioning accuracy

Save the current configuration command：B5 62 06 09 0D 00 00 00 00 00 FF FF 00 00 00 00 00 00 17 31 BF