

RTK

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RTK

§ 1.1

GPS RTK

GPS

<http://www.southgnss.com/>

RTK

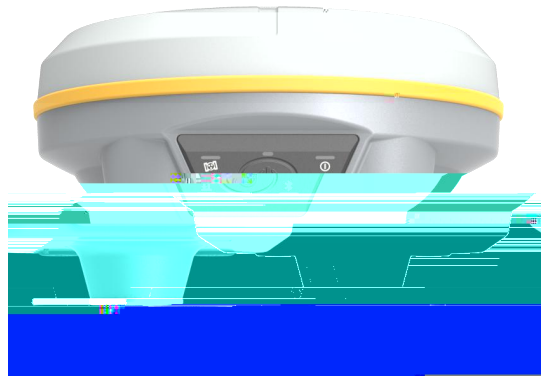
RTK

RTK

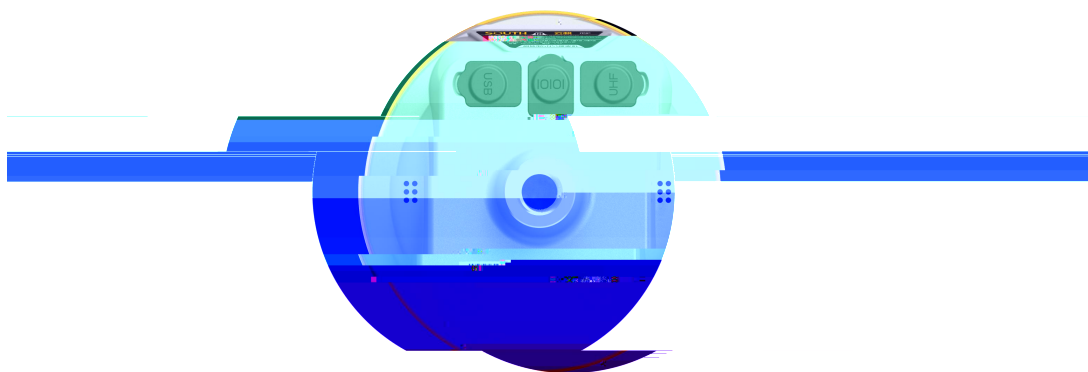
RTK

§ 2.2

§ 2.2.1



§ 2.2.2

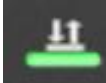


UHF

Type-C

§ 2.2.3



§ 2.3.3

“ ”

§ 2.3.4

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§ 2.3.5

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§ 2.3.6

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§ 2.3.7

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§ 2.3.8

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§ 2.4



§ 3.1

1)

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260 2016

9 16

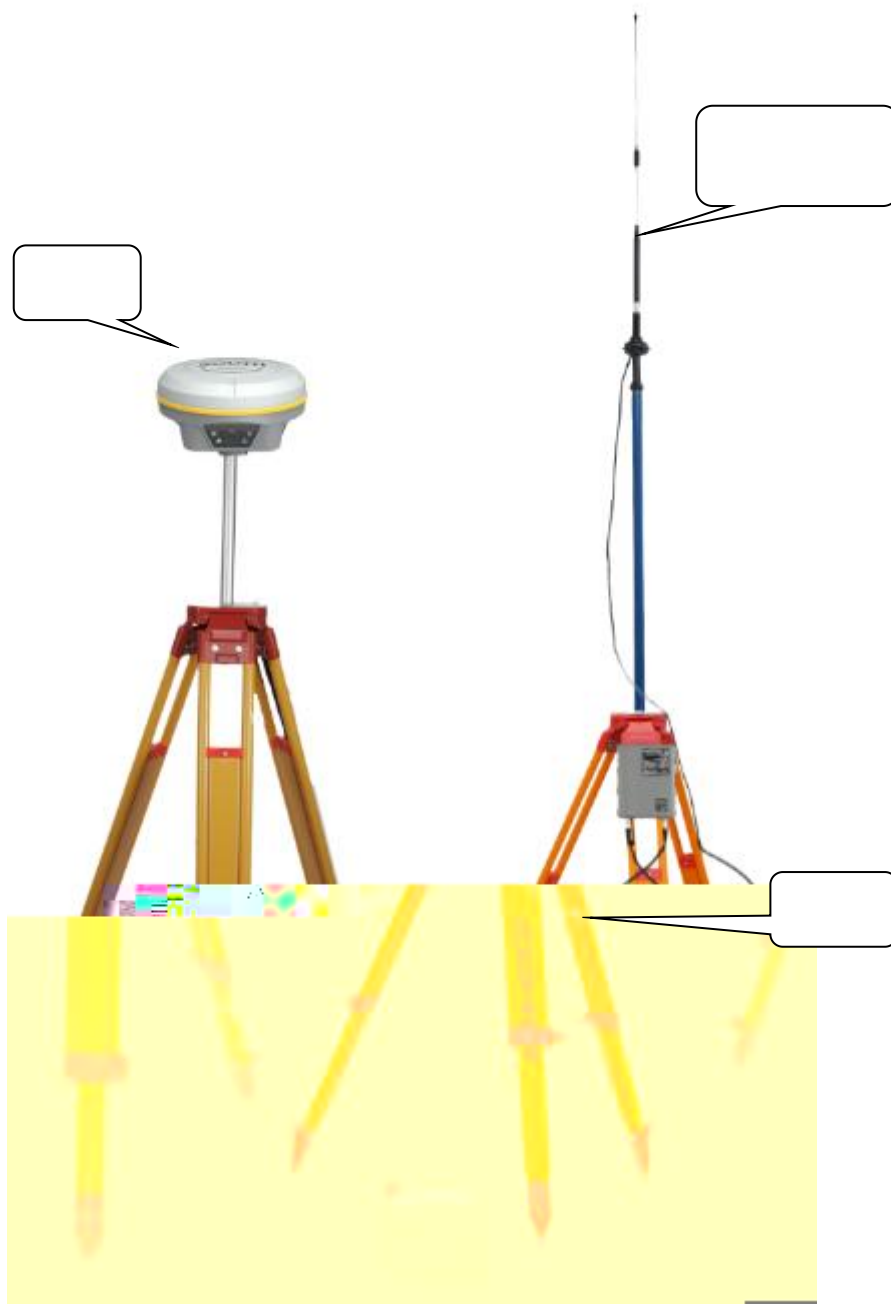
1B 01 22

GPS

§ 3.2 RTK

 $1+1$

§ 3.2.1



3.2.1

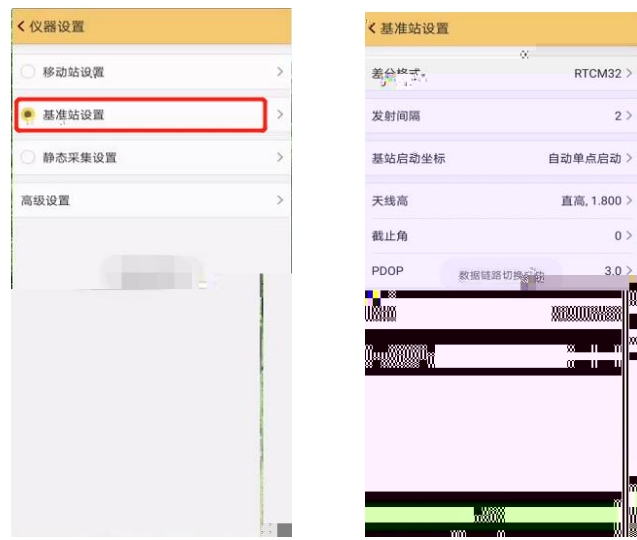
S5

S5



WiFi

10s

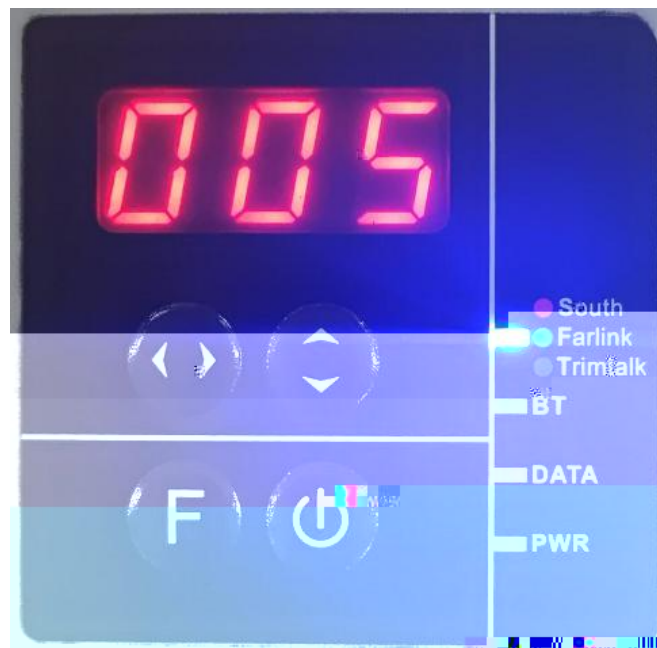


RTCM32

1 2

PDOP
2

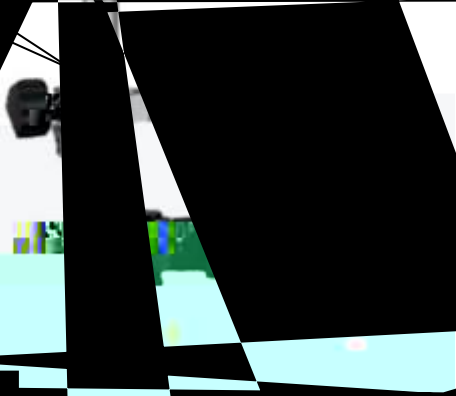
5



3

“ ”

1 1



§ 3.2.4

- 1)
- 2) → →



- 3) “ ”



2

- 4)
- SOUTH

“ 9600 ”

Farlink

“ 19200 ”

SOUTH

9600



§ 3.4RTK CORS

CORS

CORS

CORS

CORS

§ 3.4.1



§ 3.4.2

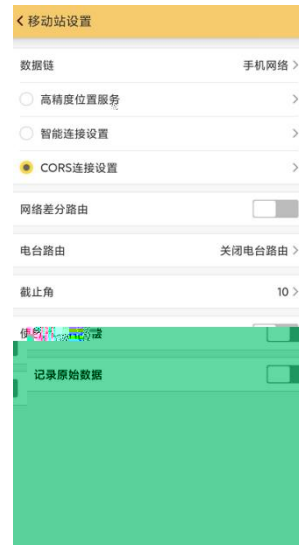
1

ă

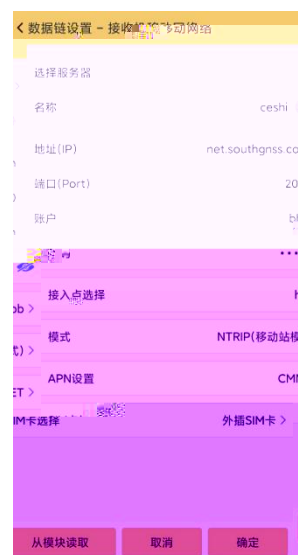
λ

→

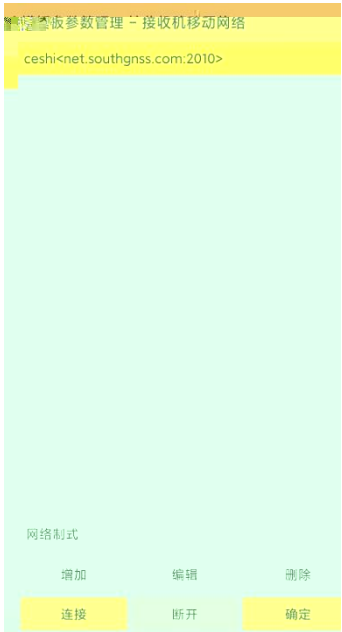
→



2 “CORS” “ ” CORS IP
NTRIP



3 “ ” “ ”



APN

CORS

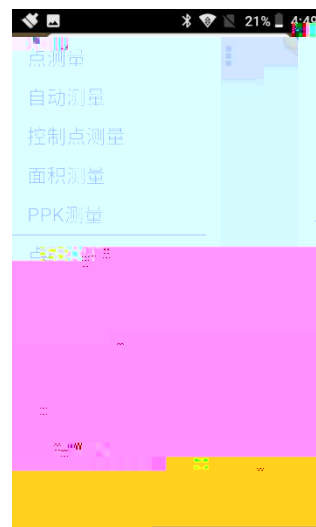
APN

CORS

§ 4.1

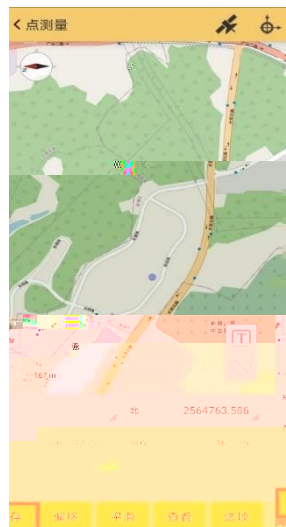
1 “ ” - “ ”

2

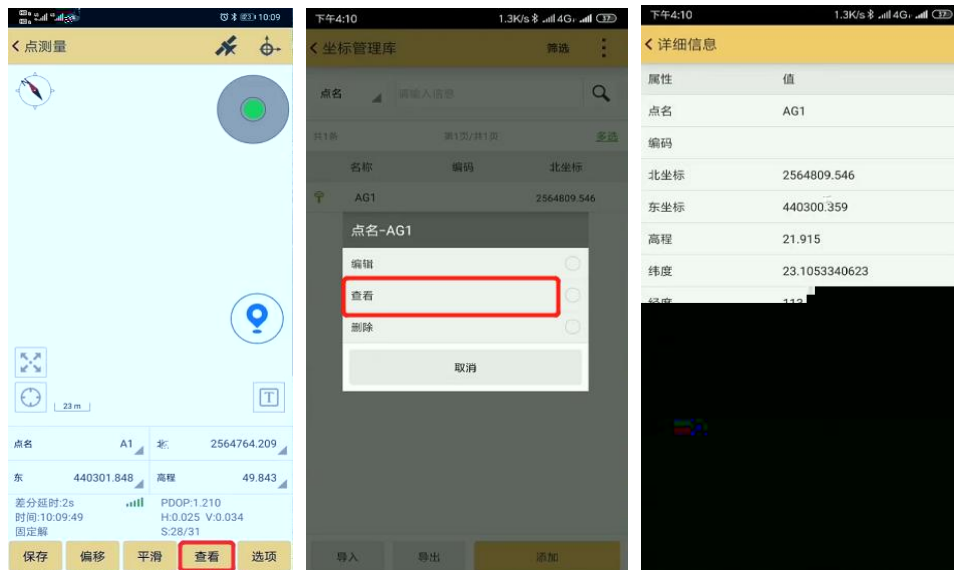


“ ” “ ” “ ”

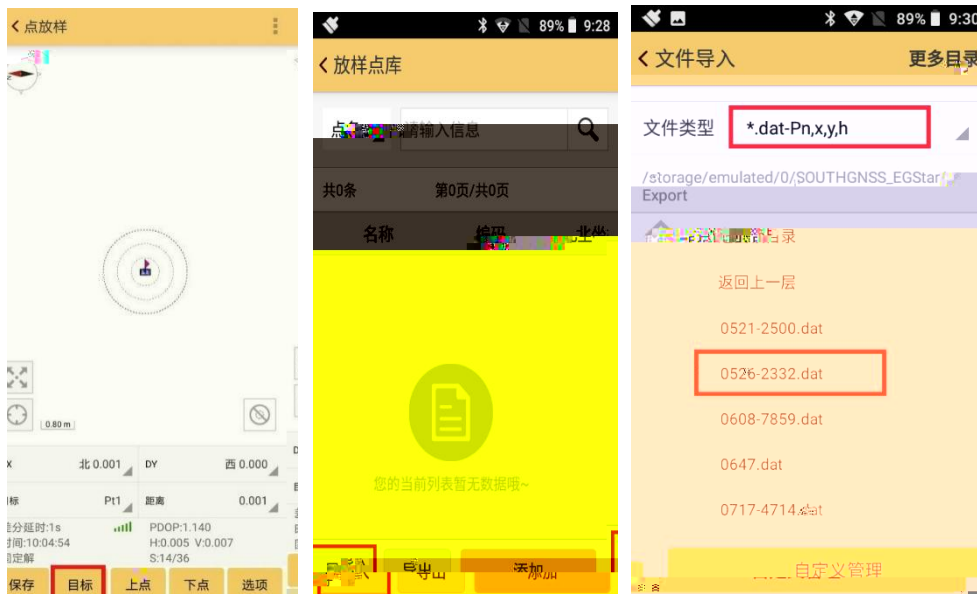
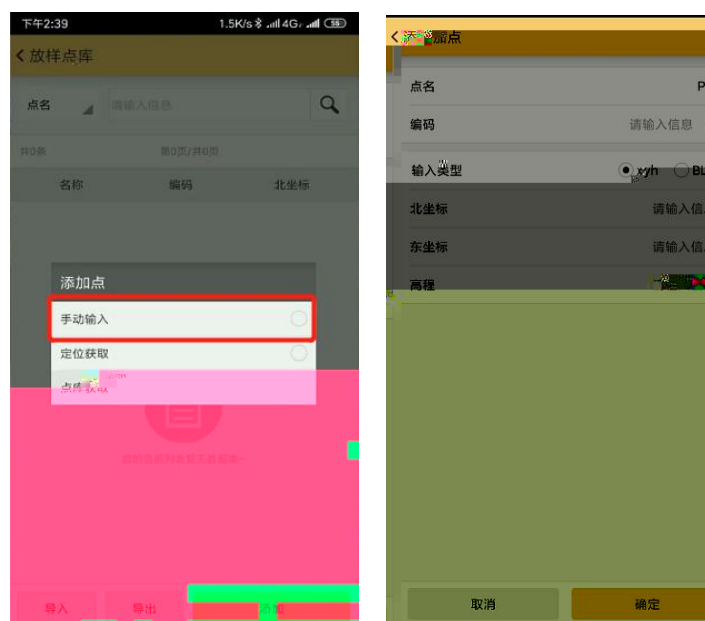
3



“ ”



§ 4.2





§ 4.3.2

- 1 “ ” _ “ ” _ “ ” _ “ ” _ “ ”
- 2 “ ”
- 3 “ ”



§ 4.4

“ ” → “ ” → “ ” →

“ ” → “ ” → “ ” → “ ” → “ ” → “ ” → “ ”

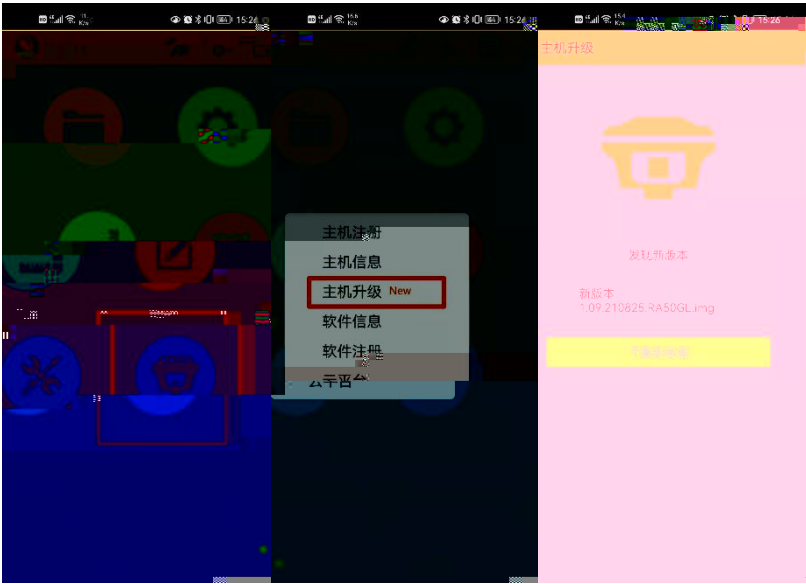
→

1

2

§ 4.8

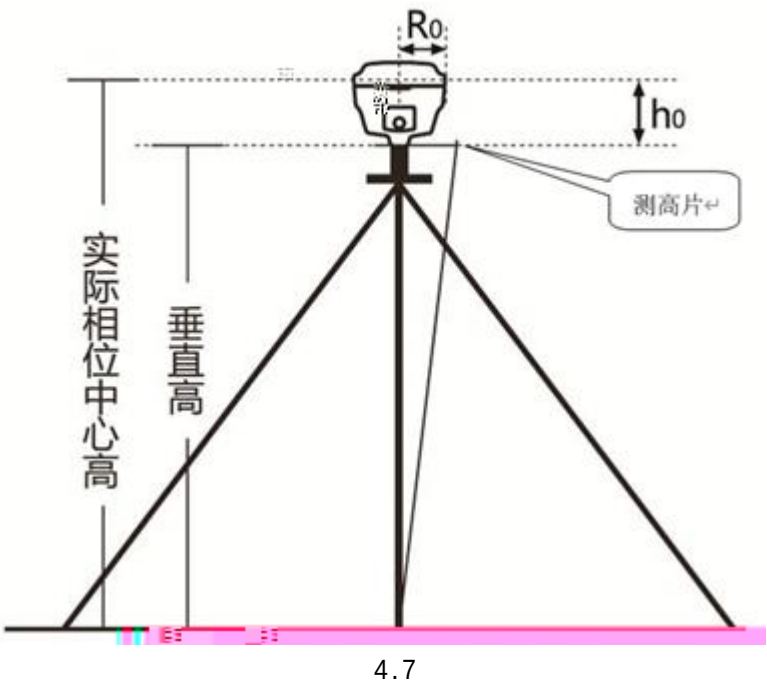
- 1
- 2 “ ” “ ”
- 3 WiFi WiFi



§ 4.7

RTK

- 4.7
- 4.7
- 4.7 h



A RTK

*

	GNSS	1Hz 20Hz 10 99.9% GNSS
	GNSS	0.25 m + 1 ppm RMS 0.50 m + 1 ppm RMS SBAS <5m 3DRMS
		$\pm 2.5\text{mm} + 0.5 \times 10^{-6}\text{D}$ $\pm 5\text{mm} + 0.5 \times 10^{-6}\text{D}$ D
	RTK	$\pm 8\text{mm} + 1 \times 10^{-6}\text{D}$ $\pm 15\text{mm} + 1 \times 10^{-6}\text{D}$ D
		IMU
	IMU	200HZ
		0 ° 60 °
		1.8 RMS 8 mm + 0.7 mm/ ° tilt tilt
/		Linux
	web	Web UI Wi-Fi USB Web UI
		iVoice
		135mm* 83mm
		900g
		- 25 ° C +65 ° C - 40 ° C +80 ° C
		100%
		1m IP68 IP68
		2
		6-18V
		6800mAh 7.4V 24
	I/O	TYPE-C 5PIN LEMO +RS232

[illegible]

RTK

400-020-1688

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