HAS USER TERMINAL

TECHNICAL SPECIFICATIONS

GNSS

Satellite Tracked

- GPS L1 C/A, L1C, L2C, L2P, L5
- Galileo E1, E5 AltBOC, E5a, E5b, E6
- E6B tracked with no E6C aid

GNSS board

Novatel OEM7700

Processing board

conga-PA5/i-E3950-8G

Internal Storage

1Tb

Supported formats

Real time streams, ASCII, Binary, RINEX

COMMUNICATION

I/O Connectors

USB-C Port, 1Gbps
Ethernet RJ45, 1 Gbps
TNC Wi-Fi/Bluetooth connector
TNC GNSS connector

Bluetooth

Standard 5

Wi-Fi/Bluetooth

802.11 b/g/n
2.4GHz /5.1GHz antenna

User Interface

PC SW HMI

LED

Power on
Battery
Internet
Solution Status

NETWORKING

Measurement and Position rate

Up to 100Hz

Modes

Simultaneous OS/HAS

POWER SUPPLY

External
PoE adapter
USB-C adapter

Internal battery
Rechargeable lithium battery

External batteries
3 rechargeable lithium batteries

Working time
> 24 hours

ROBUSTNESS

Interference Detection
Yes

Interference Mitigation
Narrow/wide band interference in/out L-band

Multipath rejection
Yes

ENVIRONMENTAL

Operating Temperature
-40°C to +65°C

Storage temperature
-40°C to +75°C

Vibration
10–200 Hz log sweep

Shock
3g (sweep time 30 minutes) 3 axes

3g (sweep time 30 minutes) 3 axes

Humidity
+60° C @ 95% RH

Corrosion
5% salt spray (up to 48h)

Waterproof
IP64

ACCESSORIES

GNSS Antenna
Novatel VEXXIS GNSS 850

Cables
5 meter TNC connector
USB-C and Ethernet

Transport Box
Plastic Box

PHYSICAL

Height
8cm

Width
18cm

Depth
25cm

Weight
2.15Kg (4.1 with external batteries)