

Technical documentation

Important components

WT32-ETH01 Esp32 Dual core 240Mhz

u-blox NEO-M9N

Protocol BeiDou, Galileo, GLONASS, GNSS, GPS

Lock at cold start

With excellent signal: 5 - 30 minutes

With poor signal (window): 30 minutes - 2 hours

Power Adapter:

5Vdc 1A Adapter

5.5x2.5 mm center positive plug

58 inch cable

Case:

Transparent Black ABS Plastic Case

Size 4.14 in x 3.17 in x 1.36 in

(105 mm x 80.5 mm x 34.5 mm)

Weight 4.22 oz (119.5g)

Antenna:

3m cable

1.561GHz, 1.575GHz

Back I/O:

5.5X2.5mm 5v barrel jack

Factory reset button

SMA

RJ45, 10/100Mbps

NTP accuracy <1 ms

RFC 1305

Operating Temperature -20°C ~ 70°C

Start up 1.5W

Maintain 2.5W (400 - 500 mA)