

UWVG-2200

GPS Locator (GPS + GPRS)



Standard Components

In-vehicle Mobile Unit
Power cable with 3A fuse

General Specifications

Power Input (typical): 9~40 VDC, capable of 3A

Power Consumption: 1.8 W (Stand-by) 3.6 W (Working)

RJ-45: Connecting to other functions

Digital I/O Ports:

Input: 3x Function Input and 1 x Emergency

Output: 4 x Status Signal

GPRS: TCP/IP for Data Transmission

Message Formats (GPS): NMEA-0183

Output Data: Vehicle ID, date, times, latitude, longitude, speed, direction

Command: e-wintek format

Operating System: Windows 95, 98, 2000 (Servers and Pro), NT 3.0/4.0

Temperature: Operating Temperature: -25°C to +65°C

Storage Temperature: -30°C to +75°C

Physical Specifications

Size: 152mm x 108mm x 44mm

Accessories

GPS antenna

GPRS antenna

Power cable

Emergency button cable

Hand-held control box cable

GPRS Modem Specifications

GPRS module (900/1800)

Normal MS (Mobile Station)

Compliant with ETSI GSM Phase 2+ standard

RF Power: 2W @ 900 MHz (Class 4)

1W @ 1800 MHz (Class 1)

External 3V/5V SIM Card

GPRS mobile station class B

GPRS multi-slot class 8

GPS Engine Specifications

General:

Frequency: L1 Frequency (1575.42 MHz)

C/A Code: 1.023 MHz chipping rate

Channels: 11

Accuracy:

Position: 5~25meters (without SA)

Velocity: 0.1 kilometer/hour (without SA)

Time: 1 microsecond synchronized to GPS time

Datum: WGS-84 (World Geodetic System 1984)

Dynamic Conditions:

Altitude: <18,000 meters (60,000feet)

Velocity: <500 Km/h

Acceleration: <1G

Data Transmission:

Interface: full duplex serial communication

Baud Rate: 9600 bps (standard)

Protocol Message:

NMEA-0183 (version 2.20) GGA, GSV, RMC, VTG,

GLL and GSA messages

Ordering Information:

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