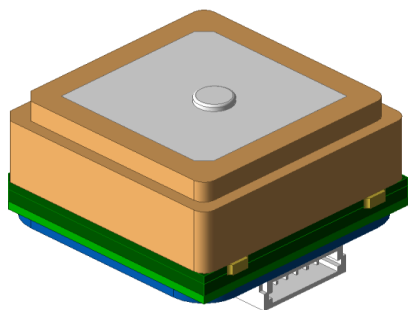




## Multi-GNSS + Magnetometer Module

### OX-CSA-GP036-00



Supported Constellation : GPS, GLONASS,  
Galileo, BeiDou

GNSS Receiver : U-blox DAN-F10N

Magnetometer : IST8310, 3-axis

UART Baudrate : 38400 (default)

GNSS Interface : UART (TX, RX)

Compass Interface : 12C (SDA, SCL)

Connector : JST-SH-6P (1.00mm pitch)

PPS LED Indicator : Red LED : Blinking at 3D  
Fix (1Hz)

Protocol : UBX (default 5Hz) or NMEA (1Hz)

Dimension : 21\*21\*15.4mm

Power Consumption : 13mA typical

Temperature : -40°C to + 85°C

Weight : 25g

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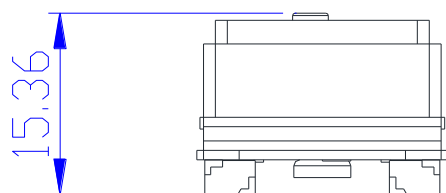
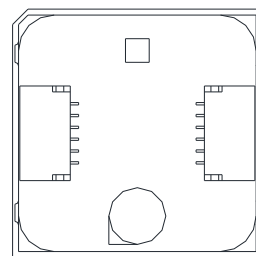
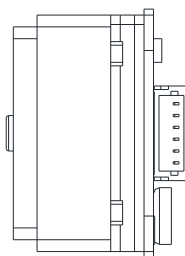
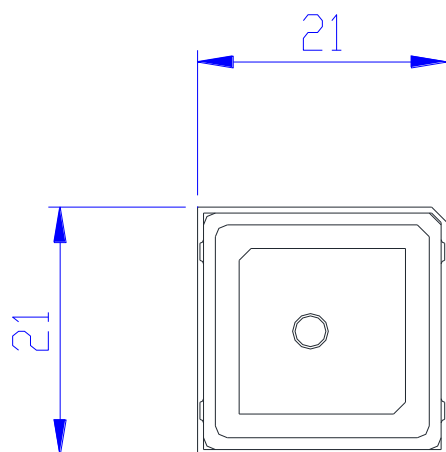
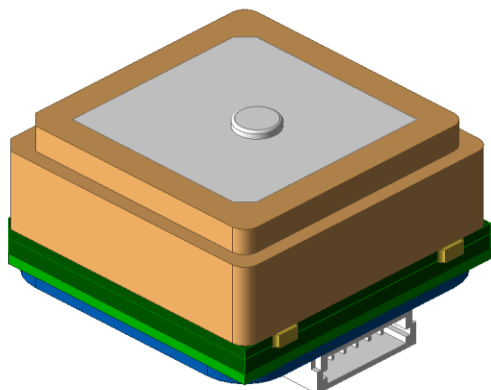
## Features:

- The DAN-F10N & IST8310 module integrates U-blox's dual-band GNSS technology with a 3-axis digital compass into a compact
- High performance navigation module, powered by the DAN-F10N receiver
- Concurrent reception of GPS, Glonass, Galileo , BeiDou, NavIC, and QZSS satellite
- The patch antenna and IST8310 magnetometer offer reliable position and heading data in a small form factor



## Applications :

- Automotive, recreational, UAV, handheld system.







## Block Diagram:

The diagram is intended to provide the advanced information to aid customers in GP36-00 GNSS module design. Following this directive, customers will be familiar with the application circuit and speed up the product development.

