



U-Station Specification

version 1.0 2013/06/21

Mechanical

Main Dimensions (WxHxL).....230x310(530¹)x110 mm
Mechanical mounting.....Standard photography plate
Tripod height.....710 mm/ 2000 mm.
Main Box weight.....2300 g
Tripod weight.....2600 g
USB connector.....IP68 Rugged USB Type B²
Charging connector.....2-way MIL-C-5015-10SL
Joystick interface.....3-way MIL-C-5015-10SL
Radio Connector.....SMA female
Temperature Range.....-30 °C to +85°C

Electrical

Supply.....NiMH/LiFe Battery
.....Optional external +12VDC supply
Power Consumption.....12 W
Voltmeter.....0-20 V

Telemetry

Frequency**900MHz**/1.4 Ghz/2.4GHz³
Power.....1 W
Range.....100 km / 80km / 40 km
baud rate.....115200 bps
Data Ouptut to PC.....USB FTDI Interface

Emitter Interface

Type.....3 ways MIL-C-5015-10SL
Protocol.....PCM 1024Z at 3.3V TTL
Recommended Futaba emitter.....Futaba T7CP

Video Receiver

Frequency.....**1.2-1.3 GHz**/2.4Ghz/5.8GHz⁴
Antenna directivity.....15 dBi
Data Output to PC.....USB connection

¹ With Telemetry antenna connected
² Connector is compatible with standard non-rugged USB cables.

³ Depending on local legislation
⁴ Depending on local legislation