



## Mobile Video & Data Receiver for Commercial & Industrial Drones & Robotics

The SkyHopper VU offers a mobile HD video & telemetry receiver terminal for **multiple viewers**, specifically designed for commercial & industrial drones and robotics. The SkyHopper VU enables viewers to receive video & data while operating on air & ground missions.

The SkyHopper VU improves the operational capabilities of any mobile team by providing them real-time HD video & broadband data reception, essential for situation awareness & efficient operations.

### SkyHopper VU Key Features:

- Built to enable mission-critical operations
- Unified, encrypted & secured device with multiple elements
  - Toughpad multi-touch Tablet
  - Receiver unit
  - Battery
  - Power supply & Antenna
- Light & compact
- Extended Ruggedized grade
- Configurable receiver unit
- Dual receiver antenna & GPS location base services



### Product Highlights:

- Light & Compact
- Extended Ruggedized grade
- All-weather IP65 Dust and Water-resistant Design
- 7" Windows Tablet with Intel 6<sup>th</sup> Generation core M5 Processor
- Powered by Windows 10 Professional
- Daylight readable
- User-replaceable battery





### Receiver Performance Specifications

Modes of operation	Receiver for HD video & broadband data, <b>multiple receivers</b> Broadcast, Multicast
Receiver Data rates	Up to 6Mbps down link For extended data rate other solutions available
Sensitivity	Max -101dBm
Diversity support	2 Rx MRC diversity
Encryption	AES128, AES256
Frequencies	2.4GHz (ISM) 900 MHz & 5.8 GHz (ISM)-optional Other frequency options available
External interface	USB 3.0

### Tablet Specifications

Type	7" Toughpad FZ-M1 Panasonic
CPU	Intel 6th Generation core M5
User interface	Windows 10 Professional
Display	7" WXGA 1280 x 800

### Dimensions (H x W x D)

16 X 23 X 4.2 cm	6.3 X 9.1 X 1.65 inch
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### Weight

1550 grams	54.67 ounces
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### Power

DC Voltage	12-19 V DC
Battery	Li-ion

### Environmental

Grade	Extended Ruggedized
Operating Temperature	Operating -20 to 50°C Storage -50 to 85°C
Humidity	5 to 95% non-condensing
Casing	All-weather IP65 Dust and Water-resistant

SkyHopper is designed to meet FCC, CE & TELEC standards

SkyHopper VU is Compatible with all SkyHopper units

\* This is a preliminary version of the product for early adaptors; specifications are subject to change.