



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

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 in air & ground missions.

SkyHopper VU improves the operational capabilities of any mobile team by providing a handheld device for real-time HD video & broadband data reception, essential for commercial drone operations across various applications.

### SkyHopper VU Key Features:

- Handheld device built to enable operations across various drone applications
  - Long-range Line-of-Sight Reception
- High-end Validated Encryption & Security
- Real-time video streaming with on-screen display of video & data
- Configurable receiver unit
- Dual receiver antenna & GPS location base services

SkyHopper also provides a full range of support services in an effort to optimize the use of the product, taking commercial and industrial drones to new heights. The SkyHopper Support Team is available to answer questions or assist at any given time, to guarantee all product benefits are maximized.



### 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
Sensitivity	Max -101dBm
Diversity support	Rx MRC diversity; 2 antennas
Encryption	128 AES – Standard Package 256 AES and other options also available for purchase (custom export control may apply)
Frequencies	2.4 GHz (ISM) & 5.8 GHz (ISM) Other frequencies available upon request
External interface	USB 3.0 and USB 2.0

### 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"
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### Weight

1.55 kg	3.42 lbs.
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### Power

W/ Power Supply & Replaceable Battery	External or Direct to Tablet
W/ External Battery	12-19 V DC

### 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 VU is Compatible with all SkyHopper units

SkyHopper is designed to meet FCC, CE & TELEC standards

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