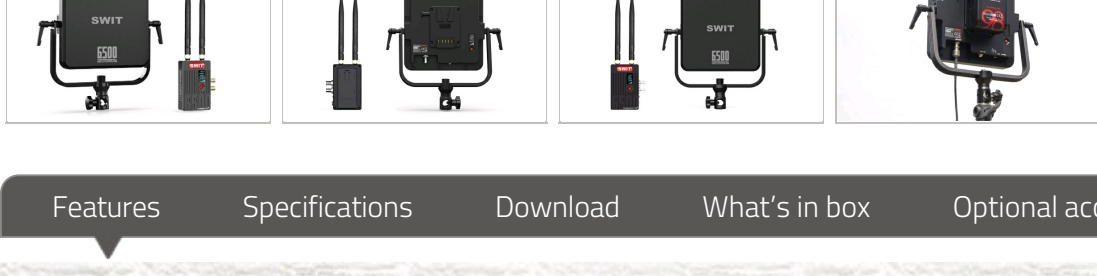


Home > Video Transmitter > Wireless video

FLOW6500 | SDI&HDMI 6500ft/2km Wireless System



- KUWI 5.1-5.9GHz Wireless Technology
- DFS Comply
- 3GSDI & HDMI, with 3GSDI loop out
- High gain panel antenna with built-in receiver
- 6500ft/2km (Line-of-Sight) distance
- 32ms stable low latency
- Strong Wall-Cross Performance
- 2-ch SDI/HDMI audio transmission
- OLED info and channel switching
- Support up to 22 pairs working in one location
- Multicast - 1 transmitter to unlimited receivers
- Wireless protocol & content double encryption
- Reclock and accurate color reproduction



MSRP Ex TAX / Shipping

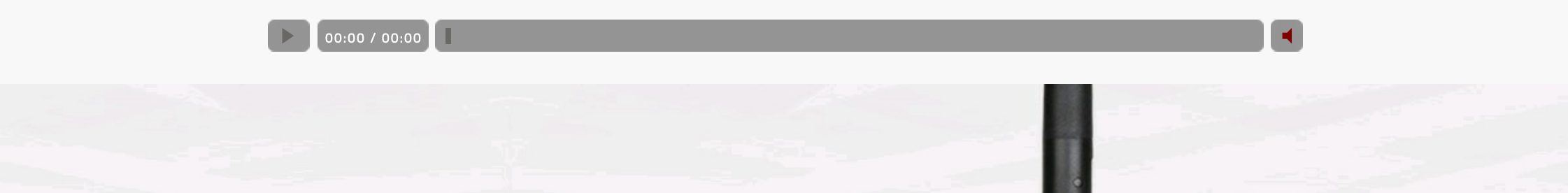
Features Specifications Download What's in box Optional accessory Related



KUWI Wireless Technology

SDI&HDMI 6500ft / 2km long distance

FLOW6500 wireless system is based on SWIT latest professional KUWI wireless technology, 5.1-5.9GHz license free bands, DFS comply, supports 3G/HD-SDI and HDMI (Max 1080p60) to transmit 6500ft / 2km Line-of-Sight distance. The KUWI professional wireless chip features stable connection at any complex environment and stronger in wall-cross capability. The long distance wireless can be widely used in film production, event broadcasting etc.



The Transmitter

The Transmitter has 2 omni antennas, supports
 1x 3G/HD-SDI input
 1x 3G/HD-SDI loop output
 1x HDMI 1.3 input

SDI & HDMI formats:
 1080p60, 1080p59.94, 1080p50
 1080p23.98, 1080p24; 1080p25, 1080p29.97, 1080p30;
 1080psf23.98, 1080psf24
 1080i60, 1080i59.94, 1080i50;
 720p60, 720p59.94, 720p50

* Supports embedded audio (CH1&2) transmission.



The Panel Receiver

The Receiver has built into high gain directional Panel Antenna, compact size, without complex antenna wires connection, solid and reliable, and provides 1x 3G/HD-SDI output.

6500ft/2km Long Distance

Strong Wall-cross Performance

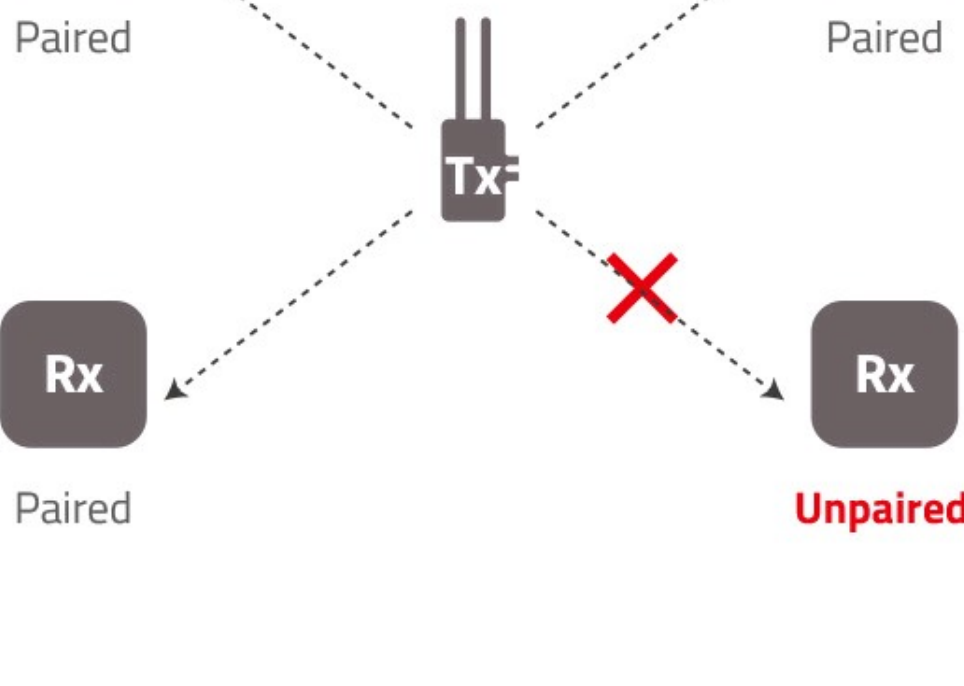
With the high gain panel receiver, FLOW6500 supports 6500ft/2km (Line-of-sight) reliable wireless transmission, and featured stronger wall-cross performance due to both RF optimize and image quality optimize, so that will keep video transmission without data lost or crash comparing to regular 5GHz wireless transmitters.



OLED Display & Channel Switch

5GHz Frequency, DFS Comply

The FLOW wireless works under 5.1-5.9GHz, with built-in wireless scanner, and detect wireless condition of all frequencies, automatically jump to the best wireless channel to keep reliable connection and transmission, and DFS comply. You can also switch the wireless channels manually from 7 Non-DFS restricted channels. Both Transmitter and Panel Receiver are equipped with OLED to display signal format, wireless channel number and signal strength.



Multicast and Double Encryption

Support 1 transmitter to unlimited quantity receivers reliable multicast mode. The transmitter and receivers are paired and double encrypted by private transmission protocol and by AES128, in order to protect the footages.

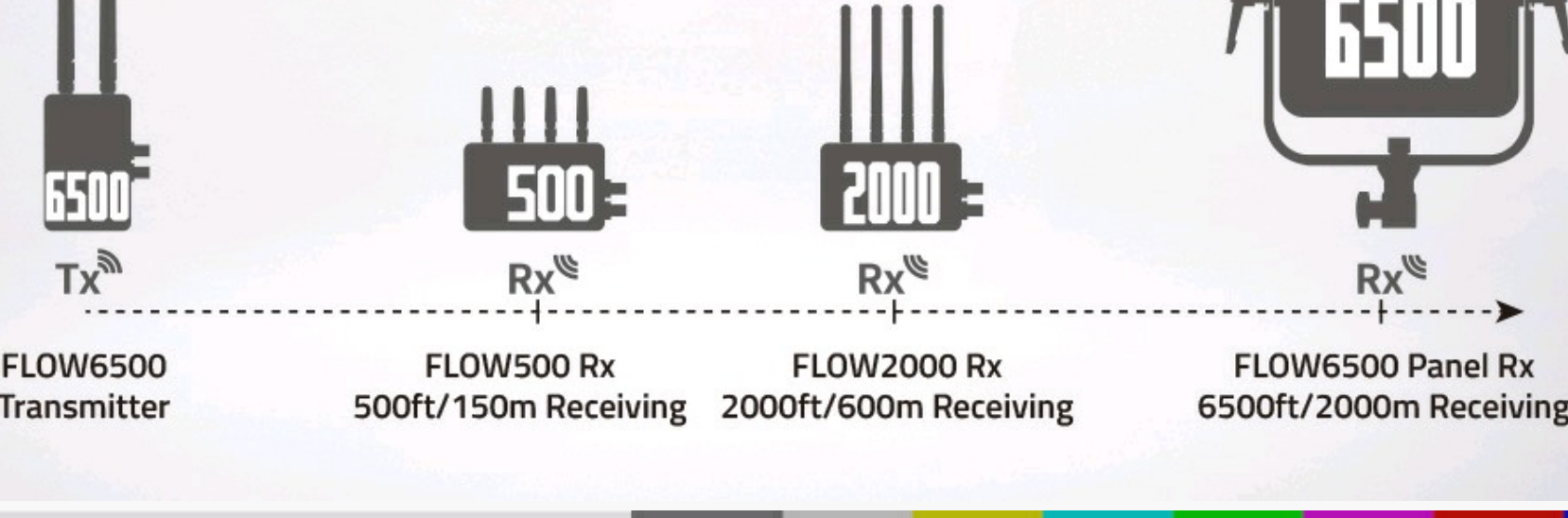
Stable Connection at Worst Wireless Environment

The FLOW series adopt professional KUWI 5GHz wireless technology, can keep connected at any complex wireless environment, such as sports stadium, concert, public plaza where full of people, electronic devices or wifi routers.



FLOW series Cross-Receiving

The FLOW6500 can work together with other FLOW series wireless at different receiving distance. Use FLOW6500 Tx, you can receive in 500ft with FLOW500 Rx, and in 2000ft with FLOW2000 Rx, and in 6500ft with FLOW6500 Rx.



Reclock & Color Reproduction

To ensure the quality of black level, signal noise and color reproduction of the wireless received signal, the FLOW series wireless receiving supports signal re-clock and accurate color reproduction.

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FLOW Long Distance Wireless

3GSDI & HDMI | 5GHz DFS Comply | Strong wall-cross



FLOW6500

3GSDI&HDMI 6500ft/2km

DFS
comply



FLOW10K

3GSDI&HDMI 10000ft/3km

DFS
comply



Compact Tx and Panel Rx



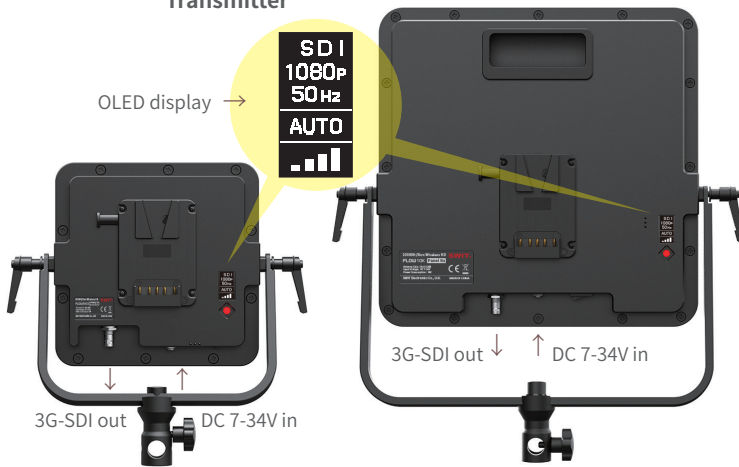
- USB firmware →
- HDMI in →
- 3G-SDI loop ←
- 3G-SDI in →
- DC 7-34V in →

The compact size transmitter with NP-F plates and high gain antennas, for camera install.

The receiver has built into panel antenna, without external antenna wires connection, solid and reliable, for C-stand install.

Both Tx and Rx have OLED to display video format, wireless channel and signal strength indication.

FLOW6500/FLOW10K Transmitter



OLED display →

SD I
1080P
50 Hz
AUTO

3G-SDI out ↓ ↑ DC 7-34V in

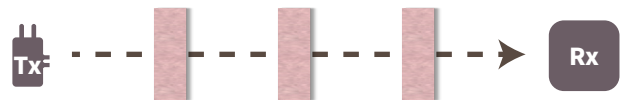
FLOW6500 Panel Receiver

FLOW10K Panel Receiver



Professional KUWI Wireless Tech

FLOW series adopt professional KUWI wireless video tech. With built-in wireless frequency scanner, the system will automatically jump to a best wireless channel from 5.1 to 5.9GHz, without transmission interruption, to ensure a reliable anti-interference transmission, and featured stronger wall-cross. FLOW series wireless comply with DFS (Dynamic Frequency Selection) and CE/FCC certificated.

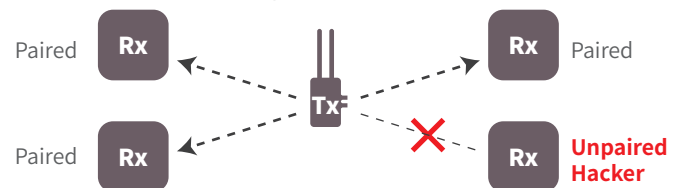


Under the same block and interference environment, the FLOW panel wireless will keep more stable signal and transmit longer distance.



Multicast and Double Encryption

Support 1 transmitter to unlimited quantity receivers reliable multicast mode. The transmitter and receivers are paired and double encrypted by private transmission protocol and by AES128, in order to protect the footages.











SDI (S) Cin 18 Video 11
RODE
Full-Featured Camera Mic
Available in 50 and 60 Hz
100mV/1.0V
48k/192k

SDI OUT

DC 7-34V

Link
Video
Power
USB
OFF/ON



