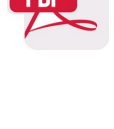
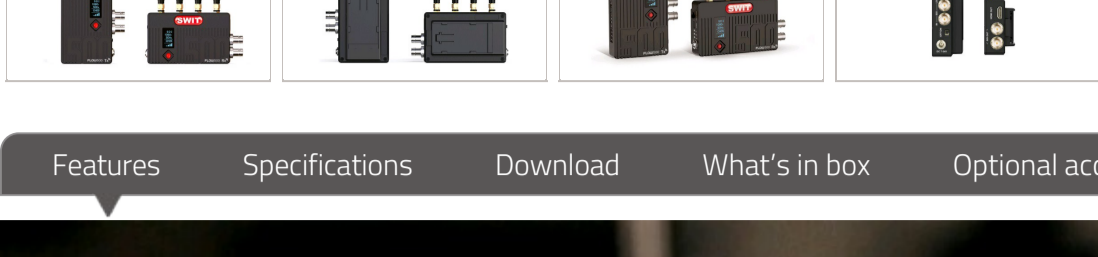


Home > Video Transmitter > Wireless video

FLOW500 | SDI&HDMI 500ft/150m Wireless Video Transmission System



- KUWI 5.1-5.9GHz Wireless Technology
- DFS Comply
- 3GSDI & HDMI, with 3GSDI loop out
- 500ft/150m (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 500ft / 150m (LOS)

FLOW500 wireless system is based on SWIT latest KUWI wireless technology, 5.1-5.9GHz license free bands, DFS comply, supports 3G/HD-SDI and HDMI (Max 1080p60) to transmit 500 feet (150 meters) Line-of-Sight distance. The system is pure hardware connection, plug and play, which is widely used in director monitoring, drone, ropeway camera, steadicam etc.



Input & Output

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

The Receiver (Rx) has 4 omni antennas, supports
 2x 3G/HD-SDI output
 1x HDMI 1.3 output

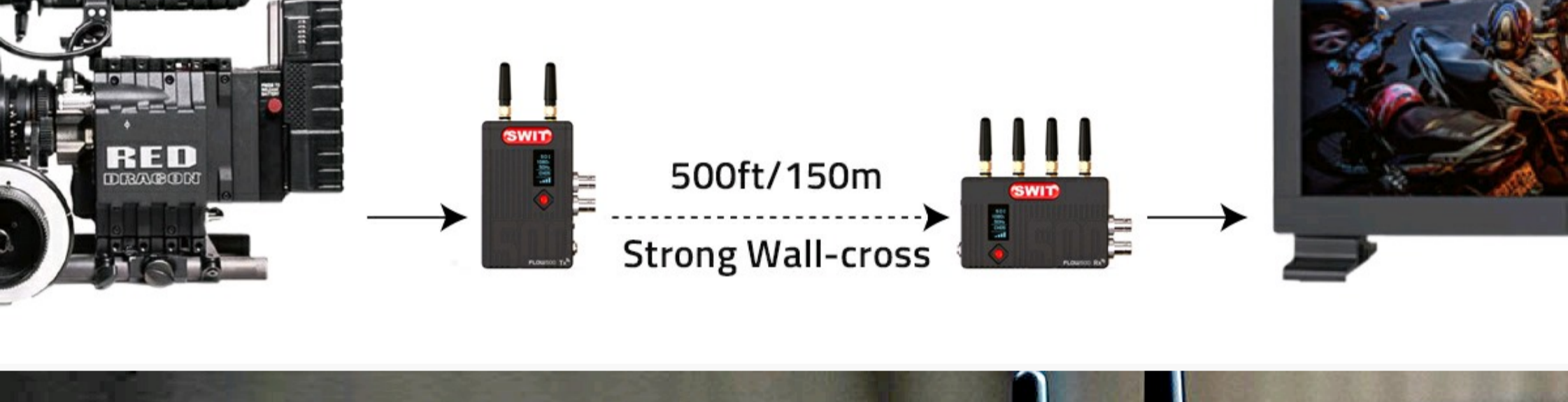
SDI & HDMI formats:
 1080p60, 1080p59.94, 1080p50
 1080p23.98, 1080p24; 1080p25, 1080p29.97, 1080p30;
 1080psf23.98, 1080psf24
 1080i60, 1080i59.94, 1080i50;
 720p60, 720p59.94, 720p50

500ft/150m Transmission

Strong Wall-cross Performance

FLOW500 wireless supports 500ft/ 150m (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 date lost or crash comparing to regular 5GHz wireless transmitters.

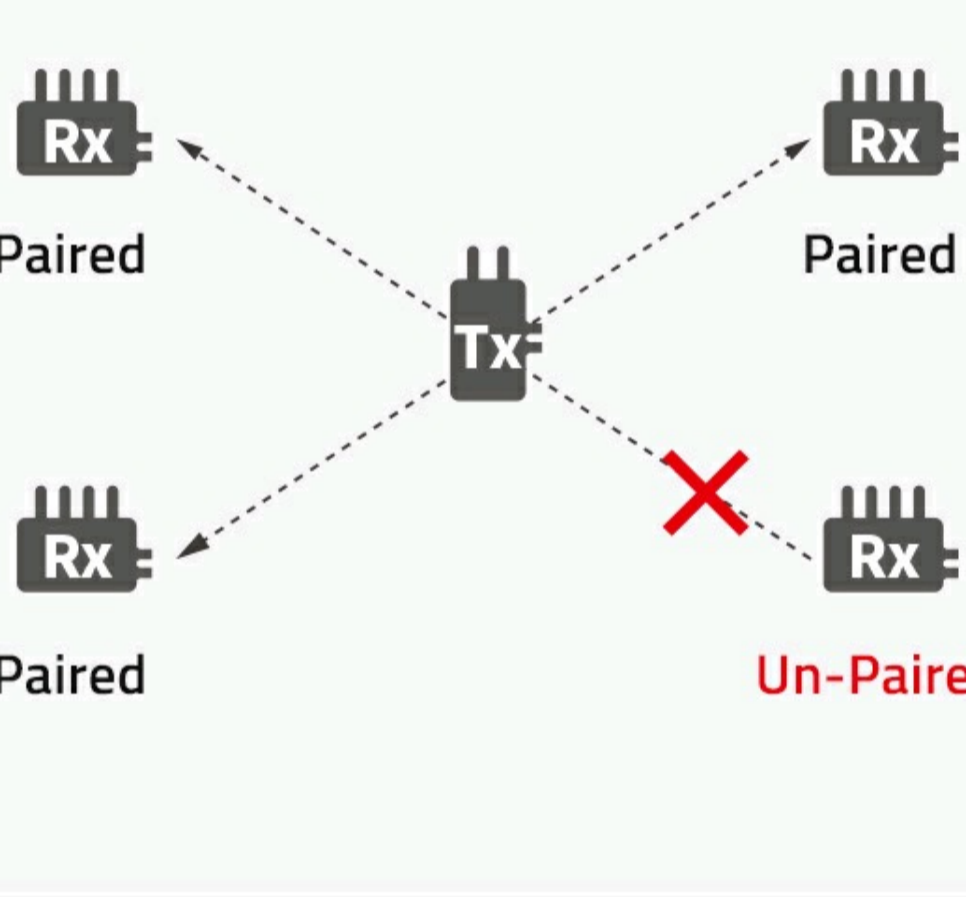
* Supports SDI & HDMI embedded audio (CH1&2) transmission.



OLED Display & Channel Switch

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 Tx and Rx are equipped with OLED to display signal format, wireless channel number and signal strength.

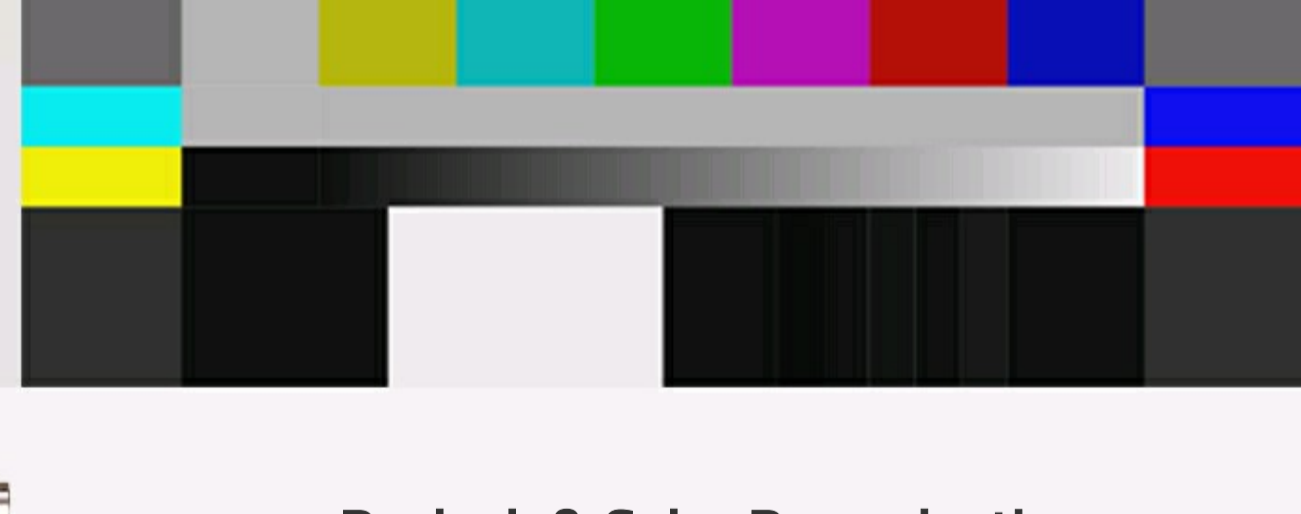
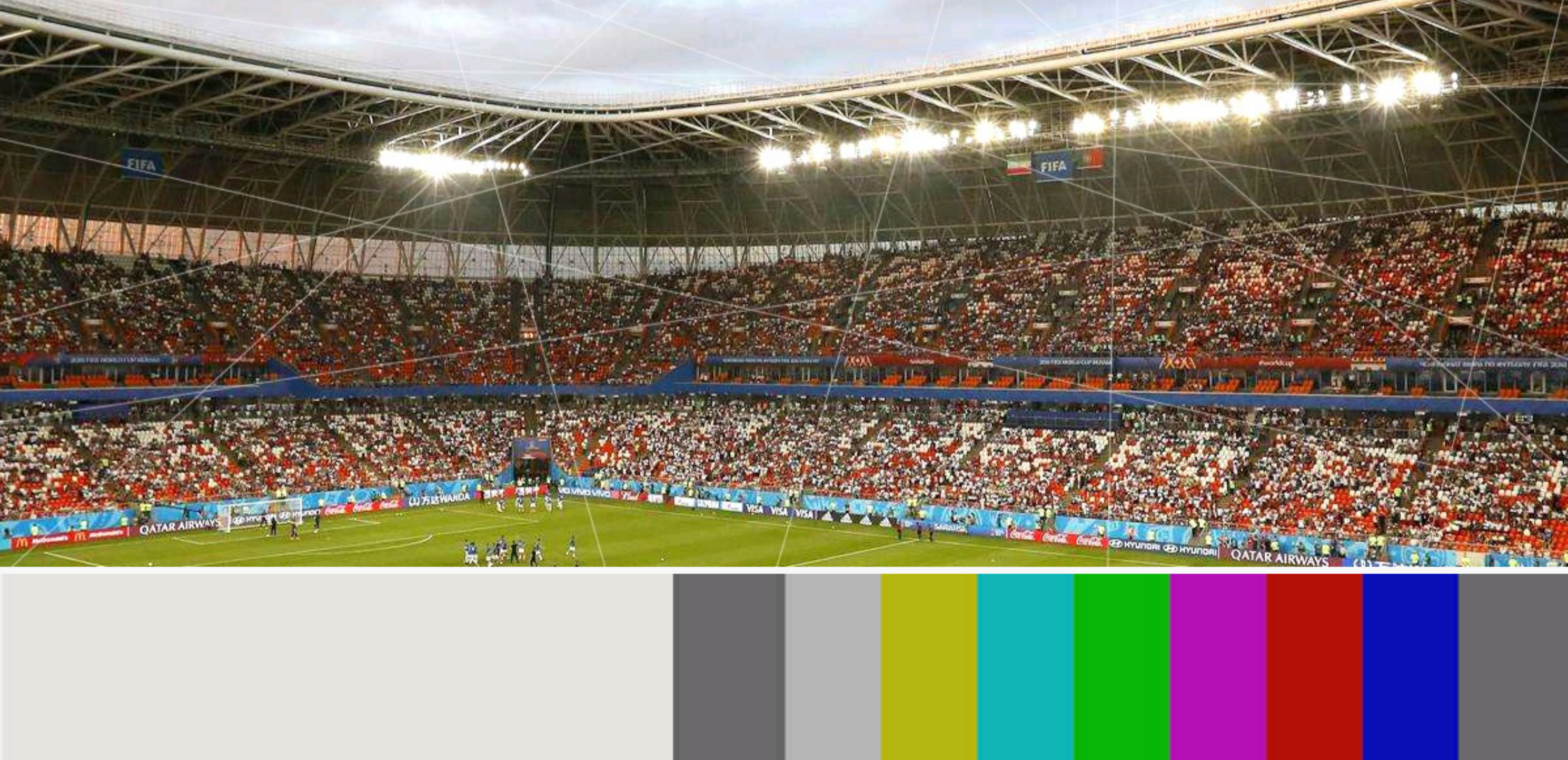


Multicast and Double Encryption

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.



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.

USB Firmware Update

The FLOW series wireless provides a Micro USB port, supports OTG USB Firmware update for future more functions.



Power Supply

The power consumption of Tx and Rx are less than 8W. Both Tx and Rx provide NP-F DV battery plate, and 7-34V lockable DC input.



FLOW Wireless Video Transmission

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



FLOW500

3GSDI&HDMI 500ft/150m



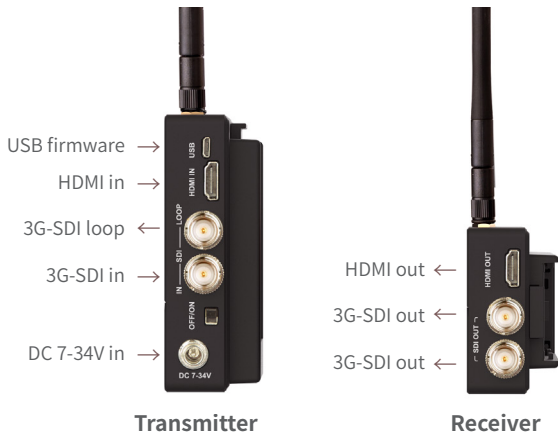
FLOW2000

3GSDI&HDMI 2000ft/600m



Both SDI&HDMI in Compact Size

The Same compact size for transmitter and receiver, with NP-F DV plates and new high gain antennas.



Anti-interference Transmission

With built-in wireless frequency scanner, the system will automatically jump to a best wireless channel from 5.1 to 5.9GHz, based on current surroundings, to ensure a reliable and anti-interference transmission. You can also switch the wireless channels manually. The OLED displays video format and wireless signal strength.

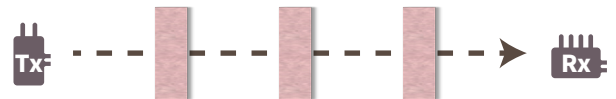


Support DFS (Dynamic Frequency Selection)



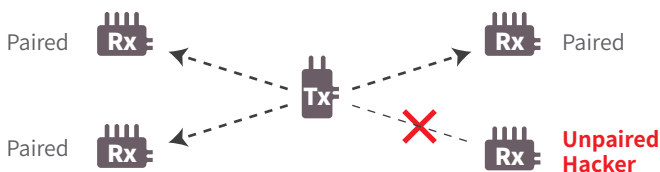
Strong Wall-Cross Performance

Featured stronger wall-cross performance that will keep video transmission without data lost or crash comparing to regular 5GHz wireless transmitters.



Multicast and Double Encryption

Support 1 transmitter to 4 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.



Relock and 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.







