

SWIT®

CREW

Long Range Wireless Video

Stable As Always



Pro Chip
Stable Wireless



Up to 3km
Long Range



1T → 4R
Multi-Cast



MetaData
Transmit



USB-C
Video Capture



1.2km



Tx

Rx

CREW

3G-SDI & HDMI
1.2km / 4,000ft
Tx/Rx: NP-F Plate

1.2km



Tx

Rx

CREW-V

3G-SDI & HDMI
1.2km / 4,000ft
Tx/Rx: Dual Sided V-mount

3km



Tx

Rx

CREW MAX

3G-SDI & HDMI
3km / 10,000ft
Tx: NP-F Plate;
Rx: Panel / V-mount

3km



Tx

Rx

CREW-V MAX

3G-SDI & HDMI
3km / 10,000ft
Tx: Dual Sided V-mount
Rx: Panel / V-mount

■ Features

KUWI 2.0 Pro wireless video tech
Proprietary anti-interference RF
5.1-5.9GHz License-Free DFS Comply
Auto scan and select optimal channel
3G-SDI & HDMI video transmission
USB-C Video Capture out for PC/Mac
Up to 3km line-of-sight long range

H.265 up to 26.8Mbps visual lossless quality
Consistent 32ms ultra low latency
Uncompromised 1T to 4R Multicast
MetaData & Timecode trigger transmission
High bright OLED display & configuration
AES-256 dual encryption protection
NP-F / V-mount, 2-pin LEMO, USB-C Power

KUWI 2.0 Professional Chip, Stable As Always

The New Generation KUWI2.0 professional chip for wireless video, 5.1-5.9GHz License-Free, inherits the stability advantages of SWIT wireless products, ensures the stable transmission in the most complex environment.



DP
Monitor



Focus
Puller



Broadcast/Event
Production



PC/Mac
Livestreaming



Proprietary RF Protocol

Professional KUWI proprietary RF, **NOT WIFI** tech, will not interfere with personal smart devices or wireless devices in public facilities.



Auto Frequency Switch

With frequency scanner built-in, constantly detect the interference conditions and auto switch to the optimal channel seamlessly.



Receiving Feedback Tech

The Rx continuously reports the receiving status to the Transmitter, and the system will adjust the RF power and encoding bitrate based on the actual receiving distance.

Uncompromised 1T to 4R Multi-Cast

The CREW supports 1 Transmitter to up to 4 Receivers Stable Multi-Cast Transmission, with no compromise on Distance, Latency or Video quality for film crew application. All the CREW family Tx and Rx are fully cross-compatible for multicast.



Rx1

Rx2

Rx3

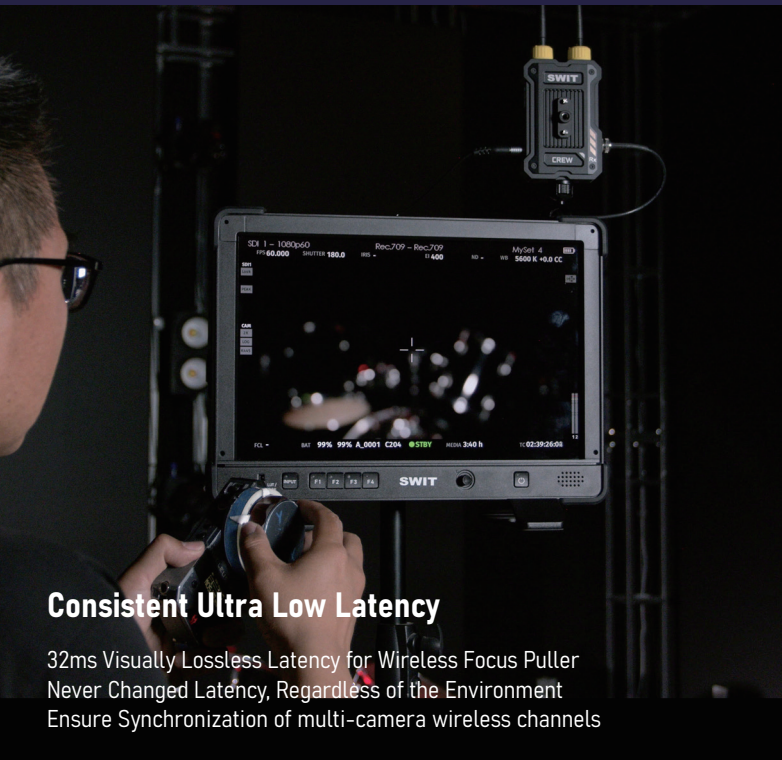
Rx4

DP

1 AC

Mobile

Gaffer



Consistent Ultra Low Latency

32ms Visually Lossless Latency for Wireless Focus Puller
Never Changed Latency, Regardless of the Environment
Ensure Synchronization of multi-camera wireless channels



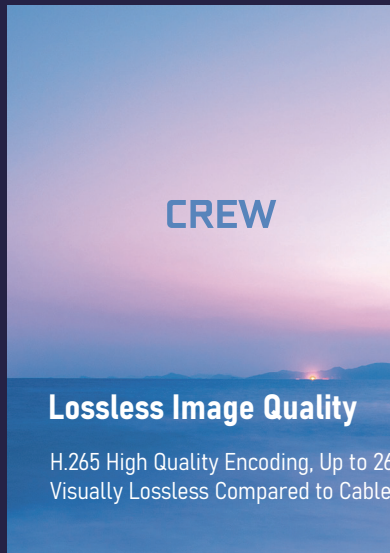
3G-SDI / HDMI / USB-C Video Capture MetaData and Timecode Trigger

Tx: 3G-SDI in×1 loop×1, HDMI in×1
Rx: 3G-SDI out×2, HDMI out×1, USB-C video capture out×1
Whether Tx input SDI or HDMI, all Rx interfaces can output
SDI supports MetaData and Timecode Trigger Transmission



3km Long Range High Gain Panel Antenna with Rx Built-in

3G-SDI out×2, HDMI out×1, USB-C video capture out×1
MetaData and Timecode Trigger Transmission Support



CREW

Lossless Image Quality

H.265 High Quality Encoding, Up to 26.8Mbps
Visually Lossless Compared to Cable Video



Others



USB-C Video Capture For Livestreaming

The receiver provides USB-C port video capture output,
can be connect to a computer for livestreaming productions,
1080P50/60 High Quality Video Capture, Driver-free for both PC and Mac.



OLED Display and Configuration

450nits high bright OLED, clear viewing under sunlight
Video Format, Channel, Battery Level Multi-cast Status
Automatically and Manually Select Frequency Channel
High Quality / Strong Wall-cross Mode Selection
Tx/Rx Pairing, Fan On/Off, Firmware Update Operations

■ Specifications

SKU	CREW	CREW-V	CREW MAX	CREW-V MAX
Wireless				
Module	OFDM 16QAM, 64QAM, QPSK, BPSK			
Frequency	5.1-5.9GHz	5.1-5.9GHz	5.1-5.9GHz	5.1-5.9GHz
RF Channel	Auto / Manual	Auto / Manual	Auto / Manual	Auto / Manual
RF Power	23 dbm	23 dbm	23 dbm	23 dbm
Range	1.2km, line of sight	1.2km, line of sight	3km, line of sight	3km, line of sight
Latency	32ms	32ms	32ms	32ms
Multi-Cast	1 Tx to up to 4 Rx	1 Tx to up to 4 Rx	1 Tx to up to 4 Rx	1 Tx to up to 4 Rx
Encryption	AES-256	AES-256	AES-256	AES-256
Video				
Interface	Tx: 3G-SDI in×1, 3G-SDI loop out×1, HDMI in×1 Rx: 3G-SDI out×2, HDMI out×1, USB-C UVC out×1			
Formats	1080p 60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98 1080psF 30 / 29.97 / 25 / 24 / 23.98 1080i 60 / 59.94 / 50 720p 60 / 59.94 / 50			
Compression	H.265, up to 26.8M bit-rate, visually lossless			
Embedded Audio	SDI/HDMI 2-ch	SDI/HDMI 2-ch	SDI/HDMI 2-ch	SDI/HDMI 2-ch
Metadata	Yes	Yes	Yes	Yes
Timecode & Trigger	Yes	Yes	Yes	Yes
Power				
Battery Plate	Tx/Rx: NP-F Type	Tx/Rx: Dual Sided V-mount	Tx: NP-F Type Rx: V-mount	Tx: Dual Sided V-mount Rx: V-mount
DC Input	2-pin LEMO 7-17V	2-pin LEMO 7-17V	2-pin LEMO 7-17V	2-pin LEMO 7-17V
USB-C Input	Tx: 9V/2A Rx 5V/2A	Tx: 9V/2A Rx 5V/2A	Tx: 9V/2A Rx 5V/2A	Tx: 9V/2A Rx 5V/2A
Power Consumption	Tx: 16W / Rx: 6W	Tx: 16W / Rx: 6W	Tx: 16W / Rx: 6W	Tx: 16W / Rx: 6W
General				
Environmental	-10°C ~ 40°C	-10°C ~ 40°C	-10°C ~ 40°C	-10°C ~ 40°C
Dimension	Tx/Rx: 130×80×36.7mm	Tx/Rx: 130×85.9×44.8mm	Tx: 130×80×36.7mm Rx: 190×190×50mm	Tx: 130×85.9×44.8mm Rx: 190×190×50mm
Net Weight	Tx: 333g / Rx: 334g	Tx: 399g / Rx: 397g	Tx: 333g / Rx: 1511g	Tx: 399g / Rx: 1511g

