



SUVTM
Simple Ubiquitous Video
HD120/HD120E SUITE



Studio / Stage

Weddings / Events

Education / Digital Signage

Sports / Gaming

Whether it's a live broadcast seen by millions of people around the world, a Fortune 500 corporate meeting, an urgent channel add-on, a laptop projection, a gaming event, or a dream wedding, Shining Technology's new SUV HD120 / SUV HD120E answer the call. With its simple, seamless installation, it provides fully uncompressed wireless short-range transmission, including in-field audio and video, ubiquitously to the professional monitor, display Panel, large screen TV or Video Wall.

Key Features

- Wireless: never worry about cable-tripping injuries
- Lightweight and easily mountable on a shoulder-mount camera, giving presenter total freedom to follow scenes easily
- Ideally suited for mobile camera shootings, such as reality TV shows, sports broadcasting, location scouting, outdoor discovery, and documentary shoots
- Make planning event coverage quicker and easier by moving and positioning the camera without re-rigging the cables
- Automatically detects any of two video inputs (a professional SDI video source, or an HDMI action camera) and simultaneously prioritizes input sent to the receivers' SDI and HDMI video outputs link
- Transmitter modulates the video and embedded audio by OFDM/16-QAM constellation with zero latency; operates on 5.x GHz unlicensed band; receiver has five internal MIMO antennas to improve quality and reliability of the wireless link

- Sony F770 battery lock and DC input socket installed on both transmitter and receiver; ideally for battery on the unit or external power source

To optimize video quality, we recommend the following:

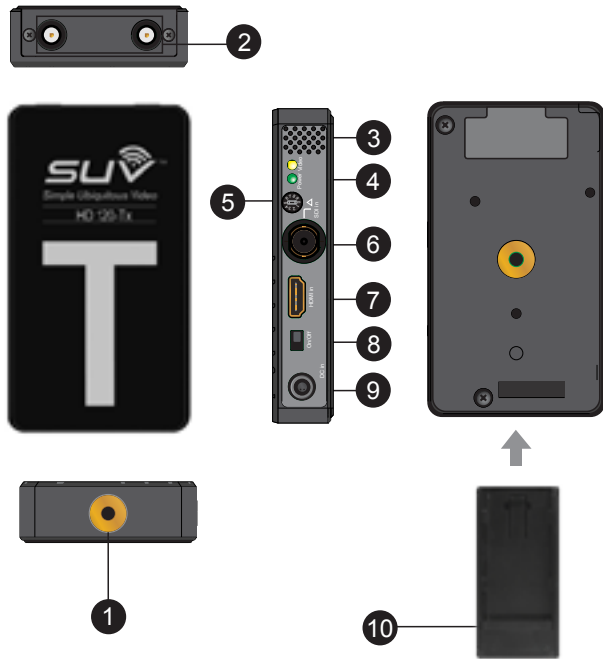
- Place receiver at least 2 meters high on stand
- Clear obstacles between transmitter and receiver
- Make sure receiver has enough clearance away from surrounding objects

SUV HD120-Rx (SUV HD120-RxE)

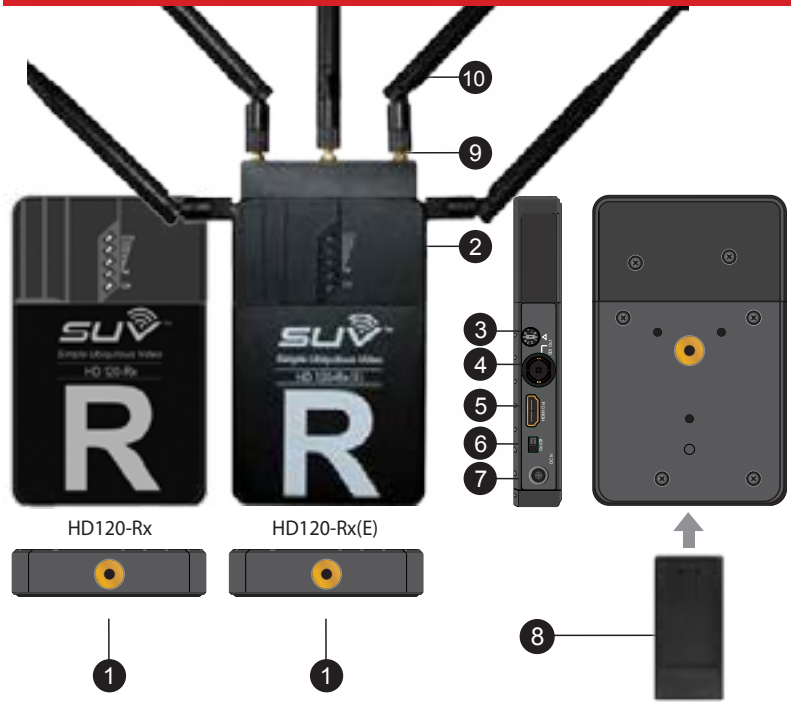
SUV HD120-Tx



Transmitter / HD120-Tx



Receiver / HD120-Rx and HD120-Rx(E)



Item	Description	Note
1	1/4-20 screw hole	Secured by using articulating arm or crab arm or swivel
2	RP-SMA male antenna connector (Standard Receptacle)	2 x 5 dbi Omni antenna
3	Ventilation	
4	Power(Green) & Video Input(RED) LED's	
5	Channel 0 to channel 9 selection	Must match with receiver's selection
6	SDI video input (BNC 75 ohm)	FullHD, HD, and SD-SD SMPTE-259/274/292/296/372/424/425
7	HDMI video input	Standard receptacle
8	Power on/off switch	
9	DC 6-18 Volt input	One Lemo B series 4-pin to DTap battery cable included
10	Sony F770 battery back	Pre-installed

Item	Description	Note
1	Bottom 1/4-20 screw hole	Secured by mounting on light stand Note: light stand not included
2	RSSI: top blue 4 LED's Power: bottom 1 yellow LED (Standard Receptacle)	
3	Channel 0 to channel 9 selection	Channel 0 - 5.50 GHz Channel 1 - 5.59 GHz Channel 2 - 5.63 GHz Channel 3 - 5.67 GHz Channel 4 - 5.15 GHz Channel 5 - 5.19 GHz Channel 6 - 5.23 GHz Channel 7 - 5.27 GHz Channel 8 - 5.31 GHz Channel 9 - 5.51 GHz
4	SDI Video output (BNC 75 ohm)	FullHD, HD, and SD-SD SMPTE - 259/274/292/296/372/424/425
5	HDMI video output	Standard receptacle
6	Power on/off switch	
7	DC 6-18 Volt input	Include one AC100-240 Volt to DC +12V power adapter with Lemo B series 4-pin
8	Sony F770 battery back	Pre-installed
9	RP-SMA male antenna connector	5 x 6 dbi Omni-directional antennas HD120(E) only
10	Line of sight distance	HD120-Tx + HD120-Rx - combined range up to 260 meters (860 feet) HD120-Tx + HD120-Rx(E) - combined range up to 400 meters (1280 feet)