



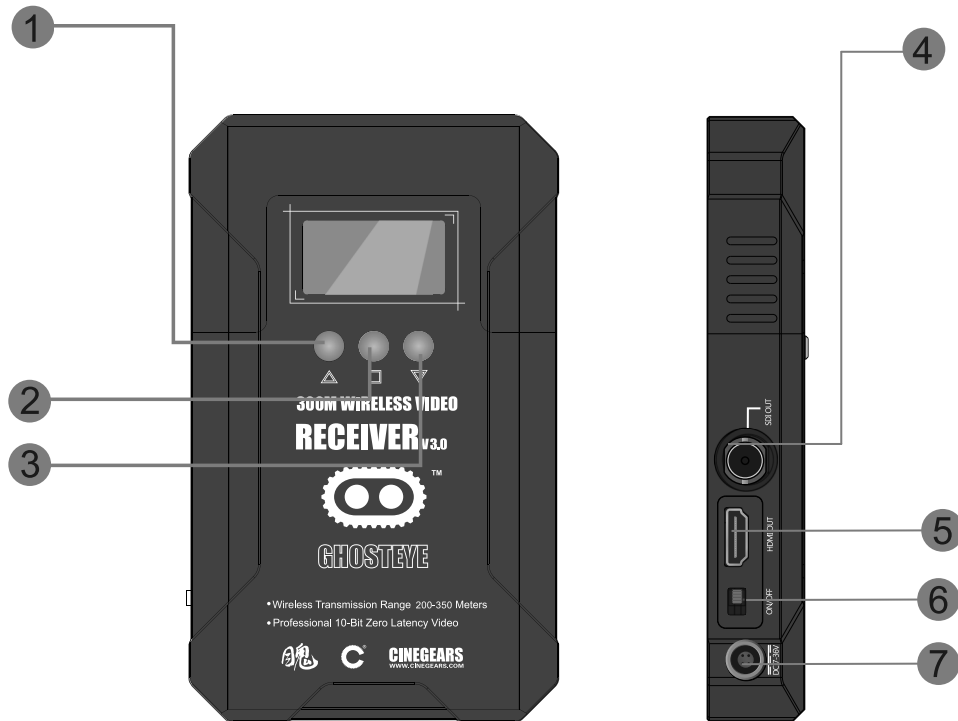
300M WIRELESS HDMI/SDI VIDEO TRANSMISSION SYSTEM

MANUAL BOOK



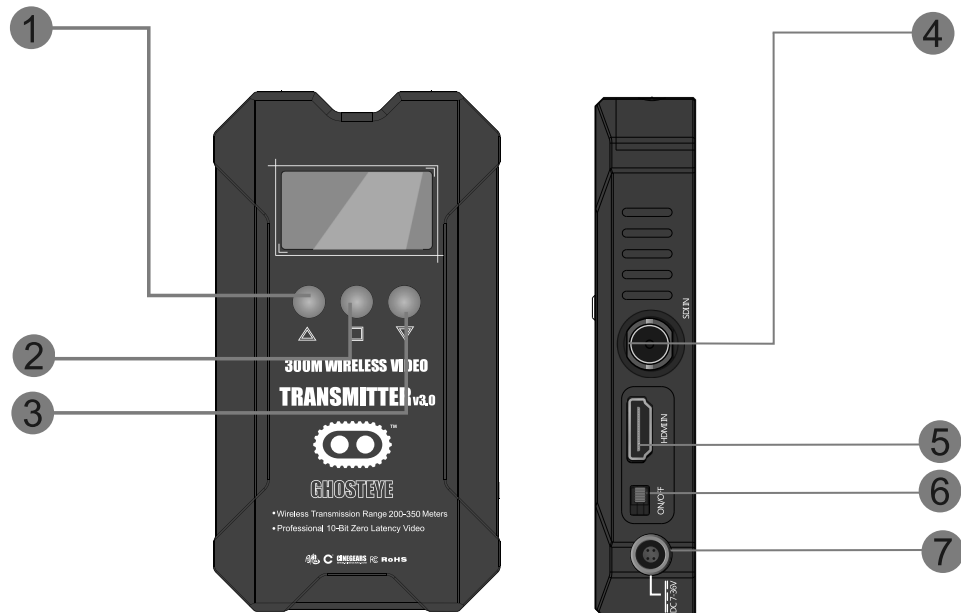
Features

- . Uses License-Free 5GHz ISM frequency band, maximum 10 frequency channels selection, coexist with WIFI.
- . Highest resolution 10 bits color depth 4:4:4, 1080p 60FPS HDMI and SD/HD/3G SDI input and output, HDMI SDI cross conversion is supported.
- . Support wireless 10 bit HD video with no compression and no delay up to 1150FT(350M).
- . Uncompromised picture quality with very low latency, <1ms.
- . Supports point to point, and point to multi points network topology, one transmitter can be connected up to 4 receivers.
- . Support professional audio formats include Dolby True HD, DTS-master, etc.
- . AES-128/256 encryption with air interface HD video data stream.
- . Wide range power voltage input, compatible with most kinds of camera batteries.
- . Sony F970 battery buckle, convenient for field battery install and replacement.
- . All input and output ports have +8 kV ESD protection level(HBM, contact discharge).
- . Plug & Play – no software is required.
- . Professional standard 4-pin LEMO power plugs.
- . Each RX(receiver) paired to the unique TX(transmitter) in factory.
- . industrial metal and plastic case with robust cooling and durability.
- . RX built-in directional antenna.
- . OLED screen display power status, Temperature, Fan on/off, RSSI, Frequency Channel, Resolution, Video Status.
- . The hard carrying case provide water and shock proof to product



Receiver:

- | | |
|--|------------------|
| 1: Frequency Channel Up | 4 : SDI Output |
| 2: Frequency Channel Confirm
(press and hold to turn on or off the fan) | 5 : HDMI Output |
| 3: Frequency Channel Down | 6 : Power On/Off |
| | 7 : DC Input |



Transmitter :

- | | |
|--|------------------|
| 1: Frequency Channel Up | 4 : SDI Input |
| 2: Frequency Channel Confirm
(press and hold to turn on or off the fan) | 5 : HDMI Input |
| 3: Frequency Channel Down | 6 : Power On/Off |
| | 7 : DC Input |

Specification

	Transmitter	Receiver
Interface	SDI Input(BNC female); HDMI Input(Type A female); 2 Antenna port(RP-SMA male); DC input(4pin LEMO female)	SDI Output(BNC female); HDMI Output(Type A female); DC input(4pin LEMO female)
Supply Voltage Range	7-36V DC	7-36V DC
Transmission Range	Optimal range 800FT/244M Maximum range:1150FT(350M)	Optimal range 800FT/244M Maximum range: 1150FT(350M)
Power Consumption	<6.5W	<6W
Size	(L x W x H): 67*122.2*25.3mm	(L x W x H): 95.4*152.2*26mm
Weight	250g	300g
Input Video Format	SDI:3G, HD, and SD-SDI(Auto-Selected); HDMI: 525i, 625i, 720p 50/59.94/60, 1080i 50/59.94/60, 1080p23.98/24/25/29.9/ 30/50/59.94/60;	/
Output Video Format	/	SDI:3G, HD, and SD-SDI(Auto-Selected): HDMI: 525i, 625i, 720p 50/59.94/60, 1080i 50/59.94/60, 1080p23.98/24/25 /29.9/30/50/59.94/60;
Frequency Band	5.1-5.9GHz,configurable with China, North America, Europe, etc	5.1-5.9GHz,configurable with China, North America, Europe, etc
Modulation Mode	OFDM 16QAM	OFDM 16QAM
Transmission Power	Maximum 16dBm	/
Receiver Sensitivity	/	-75dBm
Occupied Bandwidth	20/40MHz	20/40MHz
Temperature Range	0-40°C(working temperature); -20-60°C(storage temperature)	0-40°C(working temperature); -20-60°C(storage temperature)