



高霖通訊科技有限公司
Go-Link Technology Co., Ltd.

產品規格/承認書
PRODUCT SPECIFICATION / APPROVAL SHEET

產 品

Product : H.264 Extender + KVM over WiFi Transmitter

型 號

Model No. : GLTF – HT3001W K

客 戶

Customer :

客戶型號

Customer Model No. :

		本承認書內容若貴公司確認無誤， 請於下方承認欄內簽章。 Please confirm your acceptance of this approval sheet by authorized signatures.	
		承認欄 Approved Signature	
版本 (Version)	V1.0		
日期 (Date)	2017/08/17		

H.264 Extender + KVM over WiFi Transmitter

Features

- ▶ Flexible and scalable HDMI 1080p high quality video unicast with WiFi.
- ▶ With IR 38KHz Remote Control function (option : IR 30 KHz ~ 60KHz)
- ▶ Built-in 4 bits DIP switch to select WiFi Chanel.
- ▶ Transmission range up to 200 meters line of sight for FCC.

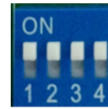
Specifications

System	
HDMI Format	1080p 50/60, 1080i 50/60, 1080p 25/30, 720p 50/60, 480p 50/60, 480i 50/60 Support HDMI 1.4a and w/ or w/o HDCP
Video Encoding and Decoding Protocols	H.264 Baseline / Main / High profile level 4.2
Streaming Bit Rate	Up to 10 Mbps
WiFi CH Setting	BIT 1 ~ 4 of 5 BIT DIP Switch for WiFi CH selection (See Table 1)
Video Fluent / HD Setting	BIT 5 of 5 BIT DIP Switch (see Fig.1) L : Fluent H : HD
IR Remote Control	TX - IR LED Blaster with 3.5Ø Phone Jack (Pin Define See Fig.2)
HDMI Connector	HDMI IN x 1 HDMI OUT x 1 → Loop thru function

Parameter	Min.	Typ.	Max.	Unit
Electrical Section				
Supply Voltage		12		V
Supply current in TX @ CE		470	545	mA
Supply current in TX @ FCC		470	630	mA
Latency	0	60	130	ms
Digital input pin				
High level input voltage	2.0	~	3.6	Vpp
Low level input voltage	-0.3	~	0.8	Vpp
Digital output pin				
High level output voltage	2.4			Vpp
Low level output voltage			0.4	Vpp
Operation				
Operating Temperature	0	~	+55	°C
Storage Temperature	-20	~	+70	°C
2.4GHz WiFi				
RF Power @ CE		14	15	dBm
RF Power @ FCC		22	24	dBm
Modulation type	OFDM (BPSK/QPSK/16-QAM/64-QAM)			
RF Connector Type	SMA Female reverse			

Table 1.

CH Setting - Normal Mode					
5 BIT SW.				CH	Frequency
1	2	3	4		
OFF	OFF	OFF	ON	3	2.422 GHz
OFF	OFF	ON	ON	4	2.427 GHz
OFF	ON	OFF	ON	5	2.432 GHz
OFF	ON	ON	ON	6	2.437 GHz
ON	OFF	OFF	ON	7	2.442 GHz
ON	OFF	ON	ON	8	2.447 GHz
ON	ON	OFF	ON	9	2.452 GHz
ON	ON	ON	ON	10	2.457 GHz



Example :

4 BIT SW Setting : ON , ON , ON , ON
Channel = 10



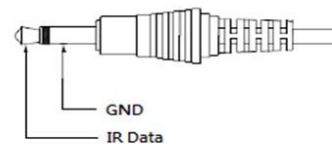
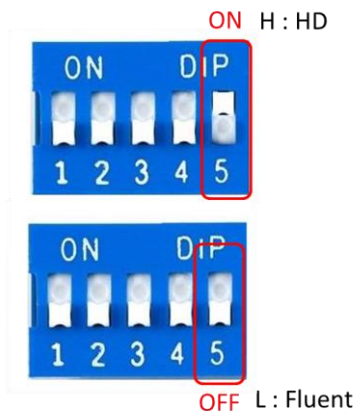
4 BIT SW Setting : OFF , ON , OFF , ON
Channel = 5

CH Setting - Test Mode (For Factory Test Only)					
5 BIT SW.				CH	Frequency
1	2	3	4		
OFF	OFF	OFF	OFF	14	2.484 GHz
OFF	OFF	ON	OFF	1	2.412 GHz
OFF	ON	OFF	OFF	2	2.417 GHz
OFF	ON	ON	OFF	13	2.472 GHz
ON	OFF	OFF	OFF	11	2.462 GHz
ON	OFF	ON	OFF	12	2.467 GHz
ON	ON	OFF	OFF	13	2.472 GHz
ON	ON	ON	OFF	14	2.484 GHz

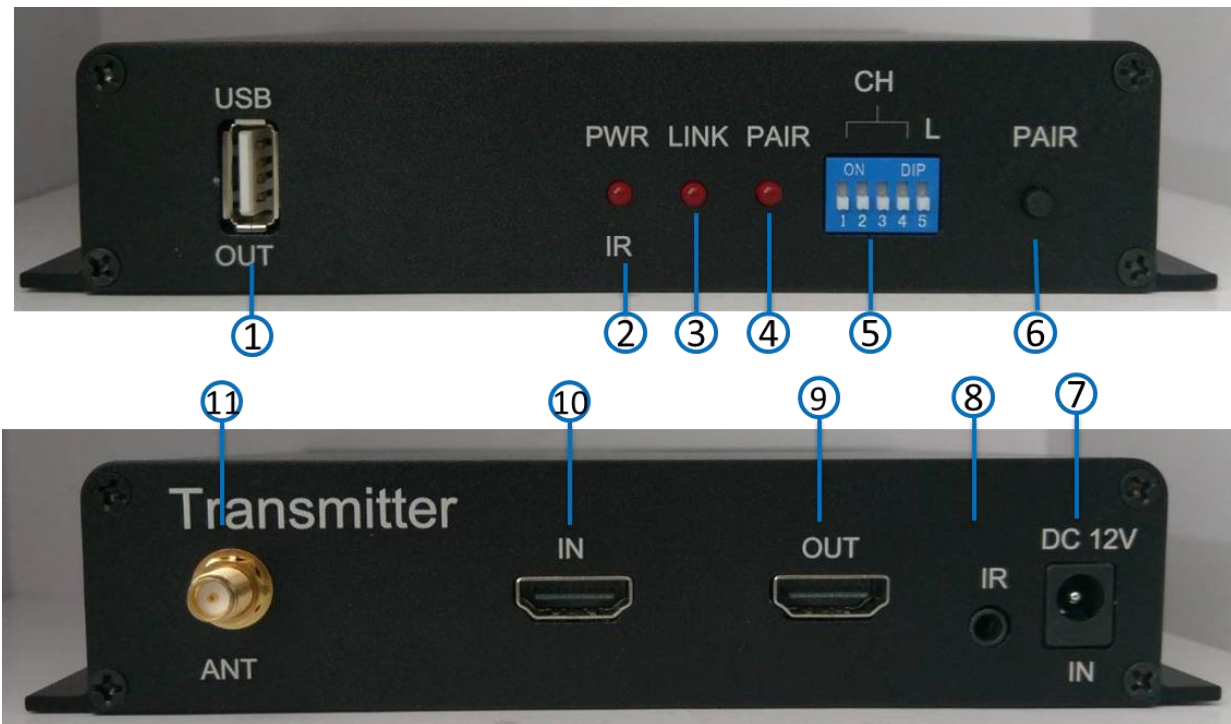
Fig. 1 :

Fig. 2 :

Video Fluent / HD Setting



◆ User Interface



No.	Name	Function Description
1	USB OUT	USB OUT
2	PWR / IR LED	Power / IR Data LED
3	LINK LED	Link Status LED
4	PAIR LED	Pair Status LED
5	CH / L	BIT 1 ~ 4 : WIFI Channel setting BIT 5 : Video Fluent / HD setting
6	PAIR KEY	Pairing / Reset Key 1 ~ 3 Sec. : Pairing ≥ 10Sec. : Reset (Remove Pairing)
7	DC 12V IN	DC Power 12V IN
8	IR	IR Blaster Cable Jack 3.5Ø (see Fig.2)
9	HDMI OUT	HDMI output connector
10	HDMI IN	HDMI input connector
11	ANT	Antenna

◆ Mechanical Dimension

