



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 Wire Link Transmitter

型 號

Model No. : GLTF – HT3001AK

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。 <b>Please confirm your acceptance of this approval sheet by authorized signatures.</b>	
		承認欄 Approved Signature	
版本 (Version)	V1.0		
日期 (Date)	2017/11/01		

# H.264 Extender + KVM over WireLink Transmitter

## Features

- ▶ 1080p High Quality Video over Stranded 2 cord cable. ( AWG # 10 ~ 24 )
- ▶ Extending 1080p HDMI signals up to 250m.
- ▶ Compatible with video player S/W likes VLC, etc.
- ▶ Support HDMI loop thru output.
- ▶ Universal IR Remote Control function. ( 30KHz ~ 60KHz )
- ▶ Easy IP Setting by ID DIP Switch BIT 1 ~ 4.
- ▶ Video Fluent / HD Setting by DIP Switch BIT 5. ( On Transmitter only )
- ▶ Support Unicast / Multicast setting by DIP Switch BIT 6. ( On Transmitter only )
- ▶ Support 1TX 1RX and multiple receiver up to 3 RX.
- ▶ Support USB keyboard mouse.
- ▶ Support Pairing function.

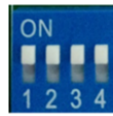
## Specifications

System	
<b>HDMI Format</b>	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
<b>Video Encoding and Decoding Protocols</b>	H.264 Baseline / Main / High profile level 4.2
<b>Streaming Bit Rate</b>	Up to 12Mbps
<b>ID Setting</b>	BIT 1 ~ 4 of 6 BIT DIP Switch ( See Table 1 )
<b>Video Fluent / HD Setting</b>	BIT 5 of 6 BIT DIP Switch ( See Fig.1 ) L : Fluent                      H : HD
<b>Unicast / Multicast Setting</b>	BIT 6 of 6 BIT DIP Switch ( See Fig.1 )
<b>IR Remote Control</b>	TX - IR LED Blaster with 3.5Ø Phone Jack ( Pin Define See Fig.2 )
<b>HDMI Connector</b>	HDMI IN x 1 HDMI OUT x 1 → Loop thru function

Parameter	Min.	Typ.	Max.	Unit
<b>Electrical Section</b>				
Supply Voltage		12		V
Supply current in TX		365	400	mA
Latency	0	60	130	ms
<b>Digital input pin</b>				
High level input voltage	2.0	~	3.6	Vpp
Low level input voltage	-0.3	~	0.8	Vpp
<b>Digital output pin</b>				
High level output voltage	2.4			Vpp
Low level output voltage			0.4	Vpp
<b>Operation</b>				
Operating Temperature	0	~	+55	°C
Storage Temperature	-20	~	+70	°C

Table 1.

ID Setting				
6 BIT SW.				ID
1	2	3	4	
OFF	OFF	OFF	OFF	0
OFF	OFF	OFF	ON	1
OFF	OFF	ON	OFF	2
OFF	OFF	ON	ON	3
OFF	ON	OFF	OFF	4
OFF	ON	OFF	ON	5
OFF	ON	ON	OFF	6
OFF	ON	ON	ON	7
ON	OFF	OFF	OFF	8
ON	OFF	OFF	ON	9
ON	OFF	ON	OFF	10
ON	OFF	ON	ON	11
ON	ON	OFF	OFF	12
ON	ON	OFF	ON	13
ON	ON	ON	OFF	14
ON	ON	ON	ON	15



Example :

4 BIT SW Setting : ON , ON , ON , ON  
ID = 15



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

Fig. 1 :

Video Fluent / HD Setting



Unicast / Multicast Setting

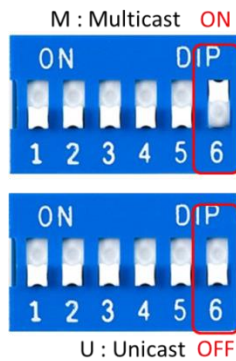
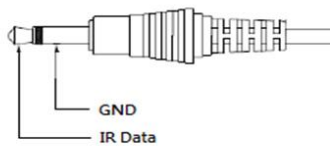
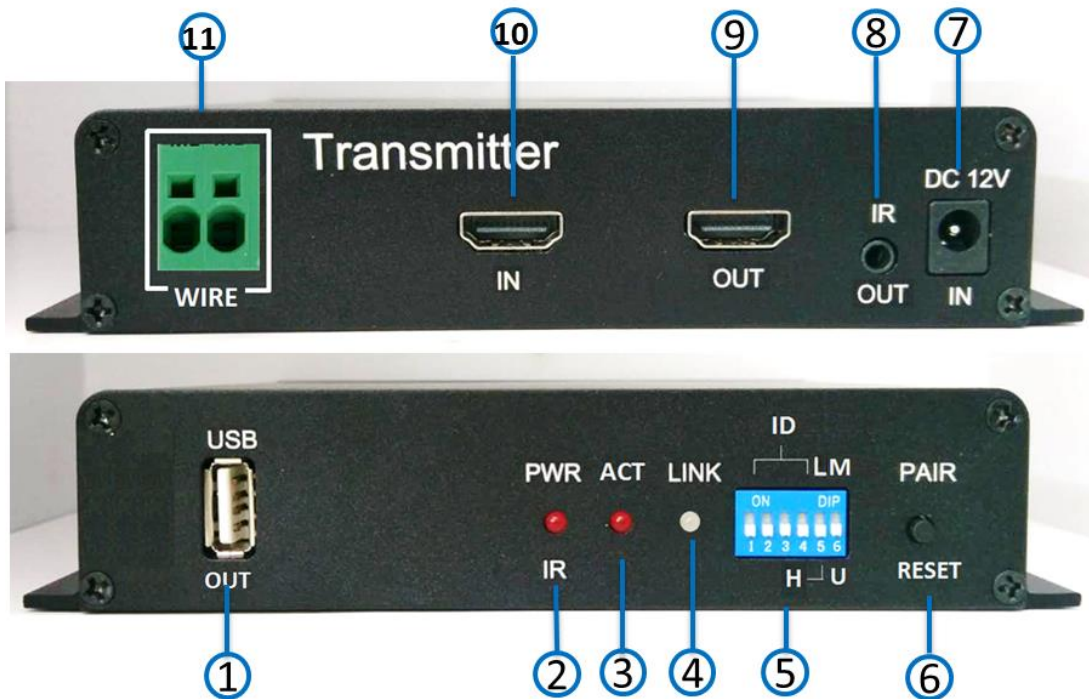


Fig. 2 :



## ◆ User Interface



No.	Name	Function Description
1	USB OUT	USB OUT
2	PWR / IR LED	Power / IR Data LED
3	ACT LED	ACT Status LED
4	LINK LED	Link Status LED
5	ID / L / H / M / U	BIT 1 ~ 4 : ID setting ( See Table 1 ) BIT 5 : Video Fluent / HD setting ( See Fig.1 ) BIT 6 : Multicast / Unicast setting( See Fig.1 )
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	WireLink Connector	Spring clamp terminal AWG #10 ~ 24

### ◆ Mechanical Dimension

