



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 + RS232 over Ethernet Receiver

型 號

Model No. : GLTF-HR3001R2

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)	V1.1		
日期 (Date)	2017/07/19		

H.264 Extender + RS232 over Ethernet Receiver

Features

- ▶ Flexible and scalable HDMI 1080p High Quality Video Broadcasting with Ethernet LAN.
- ▶ Extends 1080p HDMI signals up to 150m/500ft. over a single UTP Cat5e/6 cable.
- ▶ Multicasting and broadcasting architecture, adding more displays without adding LAN bandwidth loading. Compatible with video player S/W likes VLC, etc.
- ▶ Support Point-to-Point, Point-to-Many and Many-to-Many network configuration.
- ▶ With Universal IR Remote Control function (30KHz ~ 60KHz)
- ▶ Built-in 3 bits DIP switch for RS232 Baud rate setting

◆ Specifications

System	
Protocol	IP, TCP, UDP, RTP, RTCP, IPv4, DHCP, HTTP, IGMP, ICMP, MULTICAST, UNICAST
Ethernet	10 BASE-T/100 BASE-TX RJ45 with 1 LEDs for status indicate.
Video Encoding and Decoding Protocols	H.264 Baseline / Main / High profile level 4.2
Streaming Bit Rate	Up to 12Mbps
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
ID Setting	BIT 1 ~ 4 of 8 BIT DIP Switch (see Table 1)
RS232 Baud Rate Setting	BIT 5 ~ 7 of 8 BIT DIP Switch (see Table 2)
Unicast / Multicast Setting	BIT 8 of 8 BIT DIP Switch no function
IR Remote Control	With Universal IR Remote Control function (30KHz ~ 60KHz)
HDMI Connector	HDMI OUT x 1

Parameter	Min.	Typ.	Max.	Unit
Electrical Section				
Supply Voltage		12V		V
Supply current in RX mode			175	mA
Latency time		<180		ms
Environmental Specification				
Operating Temperature	0	~	+55	°C
Storage Temperature	-20	~	+70	°C

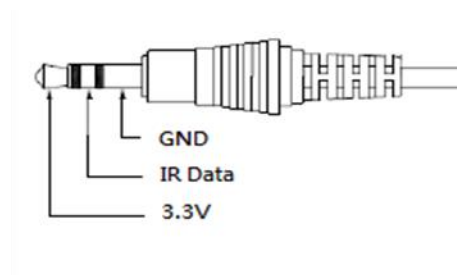
Table 1 : ID Setting

ID Setting				
8 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

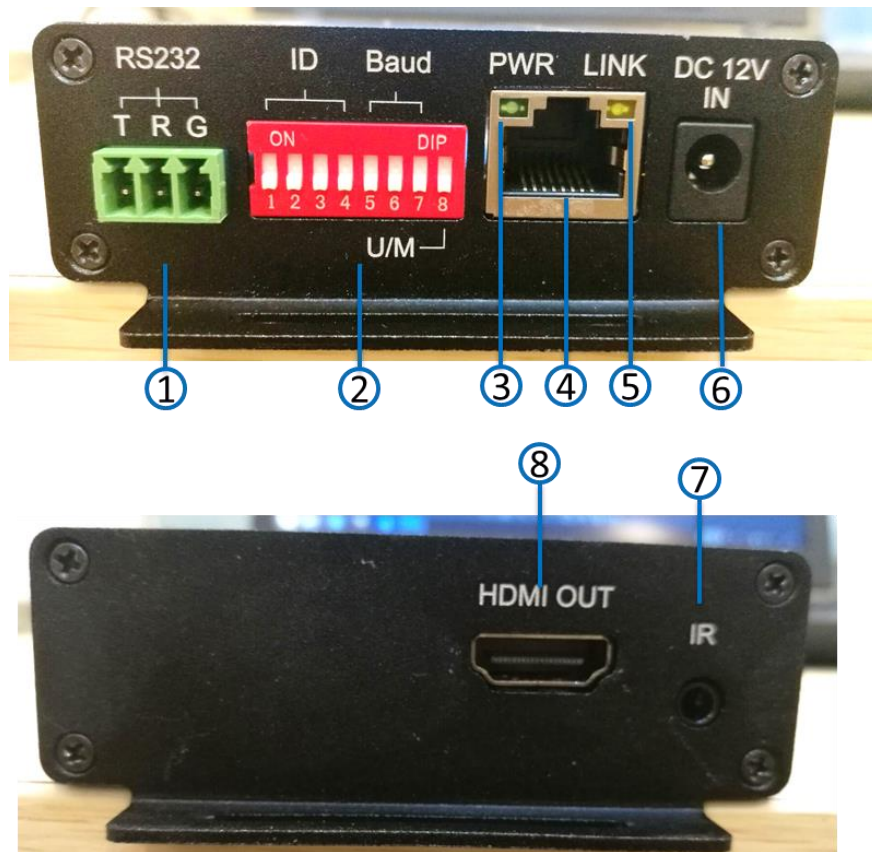
Table 2 : Baud Rate Setting

Baud Rate Setting			
Baud rate (bps)	8 BIT SW.		
	5	6	7
1200	OFF	OFF	OFF
2400	OFF	OFF	ON
4800	OFF	ON	OFF
9600	OFF	ON	ON
19200	ON	OFF	OFF
38400	ON	OFF	ON
57600	ON	ON	OFF
115200	ON	ON	ON

Fig. 1 :



◆ User Interface



No.	Name	Function Description
1	RS232	RS232 Jack
2	ID / Baud / U / M	BIT 1 ~ 4 : ID setting BIT 5 ~ 7 : Baud Rate setting BIT 8 : No function
3	PWR LED	Power / IR Data LED
4	RJ45 connector	LAN Port 10/100 Base
5	LINK LED	Link Status LED
6	DC 12V IN	DC Power 12V IN
7	IR	IR Sensor Cable Jack (see Fig.1)
8	HDMI OUT	HDMI output connector

◆ Mechanical Dimension

