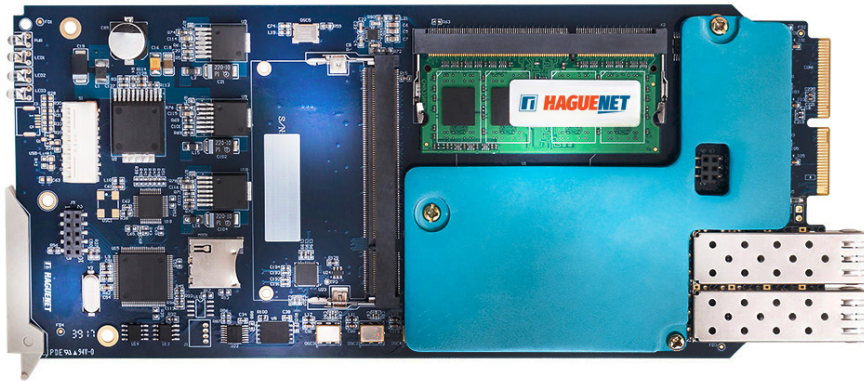


C-ASI-IP

Datasheet 2021

ASI/IP Gateway



This Product, at a glance

HAGUENET C-ASI-IP is a modular converter card that can receive and transmit compressed audio/video signals (DVB-ASI) over IP using Gigabit Ethernet port (1000BASE-T) based on SMPTE 2022 standard. This card contains 6 ASI I/O channels that can be adjusted as IP to ASI converter or vice versa. The C-ASI-IP is able to detect and correct errors using forward error correction (FEC) technique. It is possible to transmit video to multiple receivers on the network and receive from the different transmitters for this card. All controls and adjustments can be applied using web interface remote control and SNMP protocol. Besides, it supports redundant network link.

Applications

- Production and live production TV studios
- Master control rooms
- Monitoring centers
- OB vans

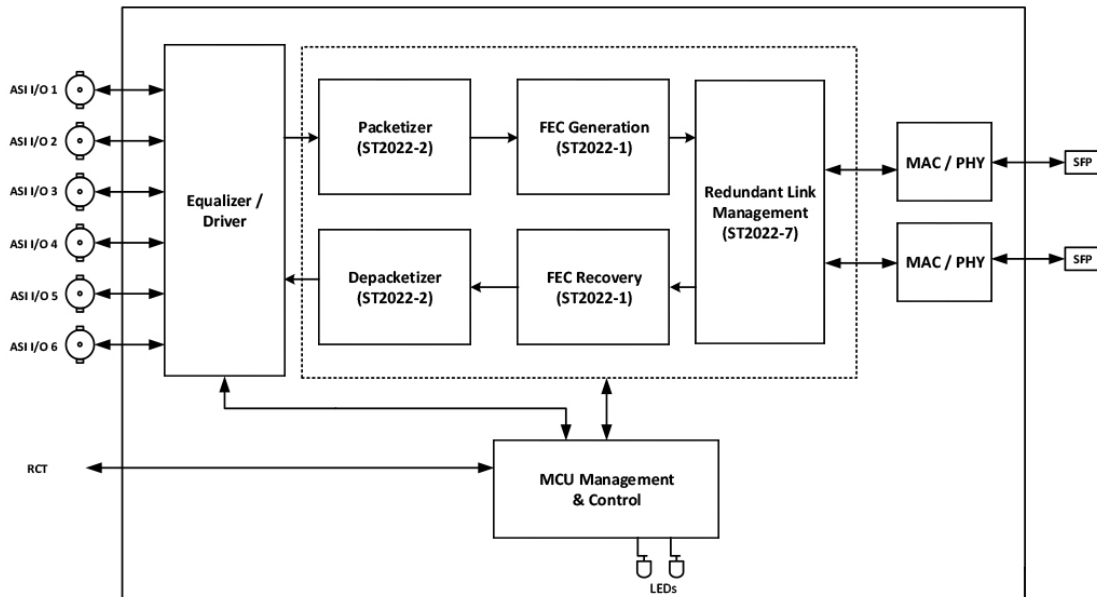
Key Features

- Supports SMPTE 2022-1, SMPTE 2022-2, and SMPTE 2022-7 standards
- Ability to transmit DVB-ASI signals on 1Gbit/sec link
- Supports redundant network link for more reliability
- Ability to detect errors using Forward Error Correction (FEC)
- Uses standard network module (SFP)
- Possibility to adjust each channel's conversion mode and IP/UDP setting
- Possibility to transmit video to multiple receivers on the network and receive from different transmitter
- Ability to display the bitrate of input/output TS
- Supports common network standards (ICMP, IGMP, ARP, ...)
- The web interface remote control
- Remote update
- Status LEDs indicators
- SNMP support

Back Panel



Block Diagram



Specifications

DIGITAL VIDEO INPUTS & OUTPUTS	Signal type	DVB-ASI
	Standards	ISO-13818-1
	Number of I/O	6
	Connector	BNC
	Impedance	75Ω
ETHERNET PORTS	Type	SFP
	Number of ports	2
	Standard	IEEE 802.3ab 1000BASE-T
	Transport	SMPTE ST2022-1/2/7 IGMP (RFC 2236, RFC 3376) RTP (RFC 2250) UDP (RFC 768) IPv4 (RFC 760)
ELECTRICAL	Power	<25W
ENVIRONMENT	Temperature	5 °C to 40 °C
	Humidity	0 % to 90 %

System Requirements

TYPE	ITEM	PRODUCT	DESCRIPTION
Frames and Accessories	1	KS- 1U	1RU Frame with Redundant Power Supply
		KS- 3U	3RU Frame with Two 150/225W Power Supplies and Fan Door with LED Display

Ordering Information

PRODUCT	DESCRIPTION
C-ASI-IP	ASI/IP Gateway with 6 ASI Configurable I/O



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