

ASI-IP / IP-ASI CONVERTER

CONV-ASI-IP



The ASI-IP / IP-ASI converter is a compact standalone module that allows to convert an ASI stream in one IP stream and vice versa. It is mainly used for video signal distribution systems, encoding and multiplexing. The device is able to manage IP flows with UDP or RTP encapsulation and can be easily configured through a dedicated serial interface.

TECHNICAL SPECIFICATIONS*

*specifications may be changed in accordance with the technical department

ETHERNET CHARACTERISTICS

Input / Output protocol	UDP, RTP over IP
FEC	SMTPE 2022
Ethernet standard	IEEE 802.3a
Data rate	100/1000 Mbps auto detect
Connector	RJ45 with LED indicators
IP address assignment	DHCP or static
Multicast support	IGMPv2

ASI CHARACTERISTICS

Input / Output standard	EN50083-9
Connector	BNC female 75 Ω
Bitrate	214 Mbps max.
Packet size	188/204 bytes

GENERAL

ASI - IP latency	1 ms max.
IP - ASI latency	1 ms min.
IP jitter tolerance	120 ms max.
Control	RS232 (USB or Ethernet opt.)
Power supply	110 ÷ 240 Vac
Power consumption	6 W typ.
Operating temperature	-10 ÷ +45 °C
Storage temperature	-20 ÷ +80 °C
Storage relative humidity	10% ÷ 80%
Dimensions	Rack 1U 28TE (172 × 45 × 214 mm))
Protection degree	IP50