

ASI to IP PoE Converter

DekTec DTE-3120



KEY FEATURES

- Standalone module can either be used as compact autonomous ASI to TS-over-IP (TSolP) gateway, or as remote I/O device for PC-based applications
- SMPTE-2022 and DTAPI mode
- Time stamping for monitoring applications
- Power-over-Ethernet support: No separate power feed required
- Active loop-through with fail-over relays for input-to-output link in case of power failure
- Supports IP encapsulation and 2D FEC encoding according to SMPTE 2022-1/2
- LCD status display shows device identifier, bitrate, IP/ MAC address and status
- Uniform software access to DekTec TSolP-, PCI- and USB devices through DTAPI
- Install up to 14 modules in 3U 19" rack space using the DekTec rack-mountable rail, or units can be mounted on a DIN rail directly on a wall

APPLICATIONS

- Autonomous ASI to TSolP gateway
- With DTE-3100: Tunnelling of ASI signals over LAN, WAN or the Internet
- Remote ASI input adapter for server-based analyzers, monitoring applications (Xpact), multiplexers and similar systems

- DVB-ASI to TSolP converter
- UDP, RTP, 2D FEC (SMPTE-2022))
- Power over Ethernet enabled

KEY ATTRIBUTES

Parameter		Value
GigE Port	Physical layer	IEEE 802.3af
	Data Rate	10/100/1000
	Connector	RJ-45
ASI Port	Physical Layer	DVB-ASI (coax)
	Connector	75-Ω BNC (2x)
	Rx bitrate	0 .. 214Mbit/s
	Return loss	17dB typ.
Transport	TS per IP	1-7
	Encapsulation	UDP or RTP
	FEC	SMPTE 2022
ASI to TSolP latency		10ms
Buffer size		32MB
DVB ID		5823

CONTROL

IP-address assignment	DHCP or static
Multicast support	IGMP v2
Device management	browser based
Network management	SNMP v2c
Discovery	WS-discovery

RELATED PRODUCTS

Type	Description
DTE-3100	Networked ASI Output

ORDERING INFORMATION

Type	Description
DTE-3120	Networked ASI input adapter
DTE-3120-DP	DTE-3120 with DtTV, DtGrabber+
DTE-3120-SX	DTE-3120-DP with StreamXpert

Sencore is the preferred distributor of DekTec in North America.