

# Networked DVB-ASI Input Adapter

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

## 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 analysers, monitoring applications (Xpect), multiplexers and similar systems

## 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	TP per IP	1 .. 7
	Encapsulation	UDP or RTP
	FEC	SMPTE 2022
ASI to TSolP latency		10ms (max)
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 <i>DtTV</i> , <i>DtGrabber+</i>
DTE-3120-SX	DTE-3120-DP with <i>StreamXpert</i>

Units are shipped with external power adapter. Add -NOPSU for ordering without power supply.