

# 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
- Fail-over relays for input-to-output connection in case of power failure
- Support IP de-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 DVB-ASI to IP gateway
- With DTE-3100: Tunnelling of ASI signals over LAN, WAN or the Internet
- Remote DVB-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...214 Mbit/s
	Return Loss	17 dB typ.
Transport	TP per IP	1...7
	Encapsulation	UDP or RTP
	FEC	SMPTE 2022
ASI to TSolP Latency		10 ms (max)
Buffer Size		32 MB

## CONTROL

IP-Address Assignment	DHCP or Static
Multicast Support	IGMP v3
Device Management	Web-based
Network Management	SNMP v2c
Discovery	UPnP

## RELATED PRODUCTS

DTE-3100	Networked ASI Output Adapter
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## ORDERING INFORMATION

DTE-3120	ASI to TSolP Standalone Converter
DTE-3120-SX	DTE-3120 with <i>StreamXpert™</i>

Please refer to [www.dektec.com](http://www.dektec.com) for the latest pricing and a list of distributors and resellers.