

DIP 121/120 IP ↔ ASI GATEWAY

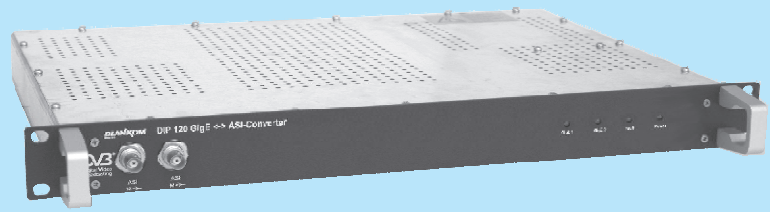
GENERAL

The **DIP 121/120** is an IP ↔ ASI Gateway excellently suited for CATV and Video-over-IP applications taking into consideration the high data rate processing capabilities of GigE.

The unit converts MPEG datastreams encapsulated in UDP coming from a GigE-interface in DVB-compliant Transport streams and vice versa and provides a perfect interface for transmitting digital video via broadband networks in connection e. g. with the BLANKOM Edge QAM Modulator (EQM 100).

The DIP 120/120 has one/two GigE inputs and max. 6 or 12 ASI outputs. The ports of the DIP 121/120 are bi-directional making it possible to use the module as an ASI ⇒ IP Transcoder, too.

The stand-alone design allows easy local or remote operation via an Ethernet Interface and offers flexible and individual configuration to meet any customer requirements for future digital broadband networks.



FEATURES

■ IP In-/Output

DIP 120

2 x GigEthernet 1000 Base-T

DIP 121

1 x GigEthernet 1000 Base-T

RJ 45 Connectors

■ ASI In-/Outputs

DIP 120: 2 x 6 ASI-Ports

DIP 121: 1 x 6 ASI-Ports

Each is individually programmable as Input or Output

■ Configuration/Control

10/100MBit Ethernet Interface

WEB-Server

SNMP-Agent for NMS

■ Test Outputs

2x ASI-Test outputs switchable for each GigE-Input

Reliability

Redundant power supply

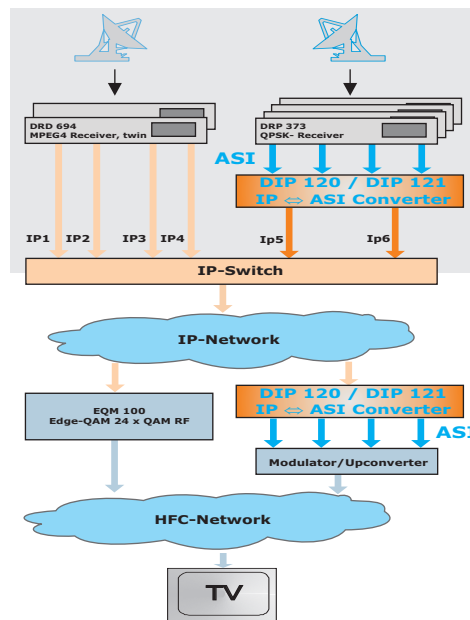


DIP 121/120
IP ↔ ASI-Gateway

TECHNICAL SPECIFICATIONS

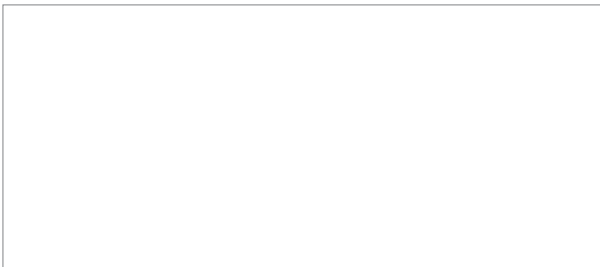
■ DIP 121/120 IP ↔ ASI-Gateway

IP-Input/Output	DIP 121: 1 x GigEthernet 1000 Base-T DIP 120: 2 x GigEthernet 1000 Base-T RJ45 - Connector Status-LED for IP-Connection	Monitoring	2 x ASI-Test outputs for each GigE-Port Logbook
ASI-Input/Output	DIP 121: 1 x 6 ASI-Ports DIP 120: 2 x 6 ASI-Ports - Impedance: BNC Connector 75 Ohm - Return loss: > 18 dB Each ASI-Port is configurable as Input or Output Status-LED's for each ASI-Port	General Data	Power consumption < 35 Watt Power Supply 100 _{AC} to 240 V _{AC} Redundant Power Supply
Configuration	2 x 10/100 Mbit Ethernet RJ45-Connector Web Server, SNMP Agent	Mechanical	Housing 19" x 1RU Dimensions 19" W x 13" D x 1.75" H
		Ordering Information	Type DIP 121 • DIP 120 Order # Hardware DIP 120: D105.01 (2 IP / 2 ASI Port active) DIP 121: D110.01 (1 IP / 1 ASI Ports active) Order # ASI Port activation DIP 120: D105.50* *Software license for 1 ASI port DIP 121: D110.50* *Software license for 1 ASI port Description IP Gateway



**DIP 121/120
IP ↔ ASI-Gateway**

Your BLANKOM Partner



Associated BLANKOM Products

- EMA 207 4-way MPEG Encoder/Multiplexer
- VEA 107 3-way MPEG Encoder/Multiplexer
- MXA 107 DVB Multiplexer
- SCA 107 DVB Scrambler
- DRP 3xx 8PSK/QPSK, COFDM, QAM, ASI -Receivers/Decoders
- DRD 694 TWIN 8PSK/QPSK Receiver with 2 ASI and GigE outputs
- ITB 100 Modular ASI ↔ IP Transcoder (Bi-directional)
- EQM 10x Edge QAM Modulator (IP to 24 x QAM/RF)

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