

## DVB-100- S

### Satellite Antenna Input (DVB-S):

#### Satellite Antenna Input Blade (DVB-S)

##### Front Panel:

RF-Connector:	F Female
Fast Ethernet Interface:	RJ45
LED indicators:	Power, Antenna, Supply, Tuning, Ethenet Rx/Tx, Ethernet Link

##### LAN Interface:

Connector:	RJ45
Interface Protocol:	Ethernet 802.3
Network Speed:	10/100 Mbps

##### Satellite Antenna Input:

Input frequency range:	950 Mhz - 2150 Mhz
Symbol Rate:	1 Mbaud to 45 Mbaud
Modulation Modes:	QPSK
FEC modes:	Rate: 1/2,2/3,3/4,5/6,7/8 DVB Reed-Solomon 204,188
LNB Power and Switching:	Supply Selectable:1 3V or 18V Antenna control: 22 KHz

##### IP Encapsulation/Extraction:

Extraction von DVB TSP: IP over MPEG-2 transport stream  
MPEG-2 transport stream (ETSI EN 301 192)

##### DVB/MPEG2 Tables extraction:

MPEG: PAT, PMT, CAT  
DVB: NIT, SDT, TDT, EIT

##### Routing capabilities and service announcement:

IGMP Support (V1, V2)  
SDP/SAP services announcement protocol



## DVB-100-T

### Terrestrial Antenna Input (DVB-T)

#### Terrestrial Antenna Input Blade (DVB-T)

##### Front Panel:

RF-Connector:	IEC Female
Fast Ethernet Interface:	RJ45
LED indicators:	Power, Antenna, Supply, Tuning, Ethenet Rx/Tx, Ethernet Link

##### LAN Interface:

Connector:	RJ45
Interface Protocol:	Ethernet 802.3
Network Speed:	10/100 Mbps

##### Terrestrial Antenna Input:

Input frequency range:	UHF: 470 Mhz - 862 Mhz VHF: 174 Mhz – 230 Mhz
OFDM spectrum:	2k and 8k carrier non-hierarchical and hierarchical (DVB-T and DGT compliant)
Modulation Modes:	QPSK, 16 QAM, 64 QAM
FEC modes:	Puncture Rate: 1/32, 1/16, 1/8, 1/4 active symbol duration Rate: 1/2, 2/3, 3/4, 5/6, 7/8

##### IP Encapsulation/Extraction:

Extraction von DVB TSP: IP over MPEG-2 transport stream  
MPEG-2 transport stream (ETSI EN 301 192)

##### DVB/MPEG2 Tables extraction:

MPEG: PAT, PMT, CAT  
DVB: NIT, SDT, TDT, EIT

##### Routing capabilities and service announcement:

IGMP Support (V1, V2)  
SDP/SAP services announcement protocol



## DVB-100-C

### Cable Input (DVB-C)

#### Cable Input Blade (DVB-C)

##### Front Panel:

RF-Connector:	IEC Female
Fast Ethernet Interface:	RJ45
LED indicators:	Power, Antenna, Supply, Tuning, Ethenet Rx/Tx, Ethernet Link

##### LAN Interface:

Connector:	RJ45
Interface Protocol:	Ethernet 802.3
Network Speed:	10/100 Mbps

##### Terrestrial Antenna Input:

Input frequency range:	50 Mhz - 858 Mhz
Modulation Modes:	QAM

##### IP Encapsulation/Extraction:

Extraction von DVB TSP: IP over MPEG-2 transport stream  
MPEG-2 transport stream (ETSI EN 301 192)

##### DVB/MPEG2 Tables extraction:

MPEG: PAT, PMT, CAT  
DVB: NIT, SDT, TDT, EIT

##### Routing capabilities and service announcement:

IGMP Support (V1, V2)  
SDP/SAP services announcement protocol



## DVB-100-ASI

### ASI Input (DVB-ASI)

#### DVB-ASI Input Blade

##### Front Panel:

RF-Connector:	BNC
Fast Ethernet Interface:	RJ45
LED indicators:	Power, Antenna, Supply, Tuning, Ethenet Rx/Tx, Ethernet Link

##### LAN Interface:

Connector:	RJ45
Interface Protocol:	Ethernet 802.3
Network Speed:	10/100 Mbps

##### ASI Input:

Byte mode:	188 or 204
Bitrate:	213 Mbps

##### IP Encapsulation/Extraction:

Extraction von DVB TSP: IP over MPEG-2 transport stream  
MPEG-2 transport stream (ETSI EN 301 192)

##### DVB/MPEG2 Tables extraction:

MPEG: PAT, PMT, CAT  
DVB: NIT, SDT, TDT, EIT

##### Routing capabilities and service announcement:

IGMP Support (V1, V2)  
SDP/SAP services announcement protocol



**DVB-CONFIG-SW**  
**Configuration Software**

Software tool for configuration of DVB-100-x Blades (1 PC client licence).