

Product Family DRD

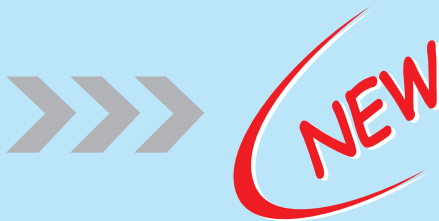
DRD 699 DVB-S2 RECEIVER/IP MEDIA ROUTER

The new DVB-S2 Receiver / IP Media Router DRD 699 is another member of the successful BLANKOM's DRD receiver family. The DRD 699 has a DVB-S/DVB-S2 frontend and demodulates all data packetized in MPEG-2 transport streams. This device combines two unique features in one. DVB transport streams with multiple services (MPTS) are processed and encapsulated at the IP output as transport streams with single services (SPTS) ready for IP boxes. Furthermore the IP Media Router DRD 699 is able to receive IP data transported within MPEG-2 transport packets. The IP data are received

encapsulated in MPEG-2 transport streams (MPE) and the IP Media Router DRD 699 is able to decapsulate the IP data for further processing in IP networks. The IP output supports unicast and multicast transport.

Based on a professional 1 RU platform, the DVB-S2 Receiver / IP Media Router DRD 699 has ASI and DVB-S/S2 inputs, and ASI and Ethernet outputs. The local control is done with a keypad and an illuminated display. An implemented web server allows the configuration with a standard web browser over a

LAN/WAN network. For the monitoring over a Network Management System (NMS) an SNMP agent is implemented. The DRD 699 is equipped with a redundancy function making the device a solution for high professional tasks.



FEATURES

- Support for DVB-S and DVB-S2
- 1 ASI input
- 1 ASI output
- 10/100BaseT Ethernet output
- Support for 1:1 redundant operation
- Front panel interface
- Web Server, SNMP Support
- IP over DVB (MPE)
- UPTS -> SPTS Conversion

APPLICATIONS

- Multiplexing local content with incoming satellite Content via ASI interface
- Filter PIDS on L-Band and/or ASI interface
- Streaming Audio / Video for IP Boxes
- IP Multicasting
- Business TV, training, e-Learning or live events
- Multicast file transfer
- Support for local content insertion



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DVB-2 RECEIVER/IP MEDIA ROUTER

Technical Data

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DRD 699 DVB-S2 RECEIVER/IP MEDIA ROUTER

COMPLIANCE

- DVB-S (ETSI 300 421)
- DVB-S2 (ETSI EN 302 307)
- DVB Data Broadcasting (ETSI EN 301 192)
- ATSC Data Broadcasting (A/90)
- PSI Processing (ISO/IEC 13818-1)
- SI Processing (ETSI EN 300 468)
- ASI Interface (EN 50083-9)
- 10/100BaseT Ethernet (IEEE 802.3u)
- IGMP v3 Support



Rear view DRD 699

PHYSICAL & POWER

Height	1 RU, 1.34"
Length	12"
Width	19"
Power consumption	25.0 W max.
Input voltage	Universal 100-240 VAC 47 Hz - 63 Hz

ENVIRONMENT

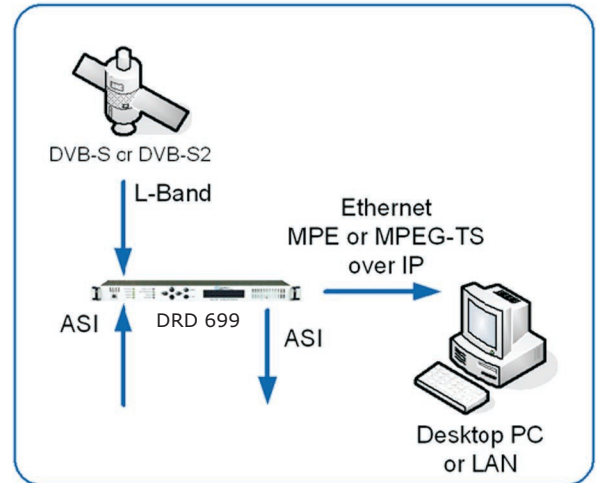
Operating temperature	0° to 40°C
Storage temperature	- 30° to 65°C
Humidity	10% to 75% non-condensing

CONNECTORS

RJ-45	10/100BaseT Ethernet interface (IEEE 802.3u)
F-Type	L-Band input
2 BNC	1 ASI TX and 1 ASI RX
RJ-12	Terminal (RS-232)
RJ-12	Aux port for serial control

OPERATING RANGE

L-Band Input Frequency	950 to 2,150 MHz
L-Band Input Power	- 65 to - 25 dBm
Support for DVB-S	2-45 MSps FEC: 1/2, 2/3, 3/4, 5/6, 7/8
Support for DVB-S2	2 to 32 MSps FEC: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 QPSK and 8PSK operation



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Associated BLANKOM Products

- DRD 694 8PSK/QPSK TWIN RECEIVER
- DIP 120/121 IP GATEWAYS
- EQM 100/101/102 EDGE QAM MODULATORS
- DRD 695 DVB-S2 TWIN RECEIVER

...Setting Signals