

ELIUM

Digitaler DVB Receiver Signum 516



Signum 516 is a Common Interface Receiver with **RGBHV** and **YUV Progressive** Video Output for the reception of digital TV- and Radio Channels via DVB-S Satellite, DVB-C Cable or DVB-T Terrestrial (TNT, TDT).

One CI Common Interface Slot enables in combination with CI Modules the access to Pay-TV and Radio Channels.

Technical:

The Signum 516 is equipped additional to one Scart Output with a high quality **RGBHV** and **YUV (Y/PB/PR) Progressive** Video Output. These Outputs enables the connection to a high quality Display with a best possible picture quality. The Video signal is reproduced detailed and colourfast.



An integrated Infra-Red Receiver plug including 12V voltage enables the connection of external IR Receiver or Emitter. By this way the unit can be controlled from long distance without staying in the same room as the unit is.



Design:

The Signum Receiver is available with a brushed aluminium Frontpanel in Silver or Black colour. Optional the Frontpanel is also available with a lightning coloured On/Off Button instead of the alphanumeric display. The Colours are: White, Blue, Red, Green and Orange.

Reception:

The DVB Receiver Signum 516 is as DVB-S version for receiving by digital Satellite, as DVB-C version for receiving by digital Cable or as DVB-T version for receiving by digital Terrestrial available.



Features:

- DVB-S, DVB-C or DVB-T Tuner
- Alphanumeric Display
- 1 Common Interface Slot (not DVB-T)
- 4000 TV / 1000 Radio Channel memory
- 6 OSD Languages
(German, Dutsch, English, Italian, French, Spanish)
- EPG Electronic Program Guide
- Programinfo current and next Event
- Bild Zoom Function
- Coulour-, Balance- and Contrast adjustable
- Volume memory for each Channel separately
- Timerfunction (Switch on, change Channel, Switch off)
- Teletext Function
- 1 Analogue Scart Output
- 1 Analogue RGBHV Output
- 1 Analogue YUV (Y/PB/PR) Progressive Output
- 1 Analogue Audio Stereo L + R Output
- 1 Digital Audio SPDIF Output
- 1 Infra-Red Plug for external IR Receiver
- External 12V Power Supply

Datasheet	Signum S 516	Signum C 516	Signum T 516
Tuner Input	DVB-S	DVB-C	DVB-T
Frequency Range	950 - 2120 MHz	47 - 862 MHz	47 - 862 MHz
Input Resistance	75 Ohm	75 Ohm	75 Ohm
Input Connector	F-Typ	Antenna	Antenna
Input Symbol Rate	1 - 45 Ms/s	4 - 7 Ms/s	4 - 7 Ms/s
Modulation	QPSK	QAM 16 - 256	COFDM QAM 16, 64
Show Signalquality	Yes	Yes	Yes
LNB Power	13V / 18V, 500 mA	-	-
DiSEqC Version	1.0 / 2.0	-	-
Positioner	DiSEqC1.2 / USALS	-	-
Conditional Access	1 Common Interface Slot EN-50221		Free To Air
Channel Memory	5.000 TV and Radio		
Remote	<ul style="list-style-type: none"> ▪ IR Remote Control ▪ External IR Receiver / Emitter 		
Teletext	Generated or Loop-Through		
EPG	By Channel / Transponder		
Programinfo	Current and next Event		
Timer Function	Switch on, change Channel, Switch off		
Video Output	<ul style="list-style-type: none"> ▪ Analogue Scart ▪ Analogue RGBHV Cinch ▪ Analogue YUV (Y/PB/PR) Progressive Cinch Resolution: 576p 50 Hz, 720p 50/60 Hz		
Video Decoding	4:2:0 MP@ML		
Video Format	PAL-B/G/I/M/N/D, SECAM		
Video Resolution	Pan-Scan, Letter Box, Pass-Through		
Video Aspect Ratio	4:3, 16:9, 20:9		
Video Multifeed Option	Yes		
Audio Output	<ul style="list-style-type: none"> ▪ Analogue Stereo L + R Cinch ▪ Digital SPDIF Cinch 		
Audio Bitstream out	Dolby Digital 2.0 and 5.1		
Audio Decoding	MPEG1, MPEG2 Layer I and II		
Other Connectors	Infra-Red plug 12V for external IR Receiver		
Input Voltage	DC 12V/3A 100 - 240 VAC		
Power Consumption	10 W max.		
Measure (W, D, H)	210 x 265 x 65 mm		
Weight	2,00 kg		

All information are supplied without liability. Specifications and design subject to modification without notice.