

## DIGITAL MMDS RECEIVER „TANGO“



High Innovative Digital MMDS Receiver with Betacrypt2/Convenient CAS embedded for the reception of Pay- and free TV programs.

### Technical Data

- High Speed Conexant Processor
- MMDS tuner (Input frequency): 54-860 MHz (6 MHz)
- NTSC pass through, PAL N pass through, PAL B to PAL N conversion
- 1 x RF Output Channel 3,4 F Connector 75 Ohm
- 1 x RCA CVBS Video output
- 2 x RCA analogue audio output L/R
- embedded Convenient CAS Support
- 1 x Smart Card Reader
- 1x Data Port
- compact and noble metal housing with classy design
- intuitive, clearly and customer-friendly arranged user interface
- software-update via DVB network and data interface
- up to 6000 channels and 5 favorite lists
- DVB-multifeed support and parental control
- first install menuue
- extensive additional features (games, scheduler, etc..)

Intelligent Digital Services GmbH  
Wismarsche Str. 44  
23936 Grevesmühlen

Tel: +49(0)3881/75899-81  
Fax: +49(0)3881/75899-85  
[www.ids-digitaltv.de](http://www.ids-digitaltv.de)  
[info@ids-digitaltv.de](mailto:info@ids-digitaltv.de)

*Intelligent Digital Services*  
ENABLING **DIGITAL TV** TECHNOLOGIES

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**Frontend**

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Input frequency range	Type F, 75 Ohm 54 MHz to 860 MHz
Output frequency range	Type F, 75 Ohm RF Channel 3 and 4
Demodulation	QAM

**System**

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CPU	ARM 9, Conexant
memory	4 MB Flash 8 MB SDRAM
Middleware	I.D.S Middleware
Softwareupdate	Via Data Interface and DVB network
OSD	Language ( EN, ESP, Port, ) Program information present following Enhanced EPG based on SI-data Installation- and configuration menu, automatic and manual Channel scan Signal level and Quality monitoring Scheduler, games, 6000 channels

**Video**

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Video data rate	1,5 – 15 Mbit/s
Video decoding	MPEG II Main-Profile @ Main-Level
Error Correction	Auto FEC selection 1/2, 2/3, 3/4, 5/6, 7/8
Format	NTSC pass through, PAL N pass through PAL B to PAL N conversion

**Audio**

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Audio data rate	Up to 1,13 Mbit/s
Audio decoding	MPEG1 Layer I and II, Mono, Dual, Joint Stereo Decoding. Sampling rates 32.0, 44.1, 48.9 kHz

**Decoding**

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Smart Card Reader	Embedded Betacrypt2/Convenient CAS
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**Connections**

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Video	1 x RCA CVBS Embedded Teletext via Set Top Box Formats 16:9 and 4:3, switchable
Audio	2 x RCA (L+R)
Data	RS-232, 115 kBaud

**General data**

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Power supply	Internal power supply 230V
Remote control	Infrared, color keys, navigation keys
Safety	According to regional LAW

**Included**

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RCA Cable  
Remote Control incl. Battery

## User Interface:

### 1. Present / Following and extended SI Data



### 2. EPG two different modes to select: Grid mode or Journal mode, here Journal mode

