



TDR1000

Professional Digital Satellite IRD with Common Interface



HIGHLIGHTS

- ▶ *Extremely Low Cost IRD*
- ▶ *DVB and MPEG-2 Compliant*
- ▶ *Dual Common Interface Slot for PCMCIA*
- ▶ *Conax, CryptoWorks, Irdeto, NDS, Mediaguard, SECA, Viaccess and Others Supported*
- ▶ *Remote Control Switching for PCMCIA*
- ▶ *Front Panel Configuration & Monitoring*
- ▶ *Video PID & Audio PID Setup*
- ▶ *OSD Teletext (DVB ETS 300 706) and Caption Function Supported*
- ▶ *EPG Function Supports PIG Display*
- ▶ *Software Upgradeable via RS-232 Interface*
- ▶ *Analog Video/Audio (CVBS) Signal and Balance Audio XLR Output*

DESCRIPTION

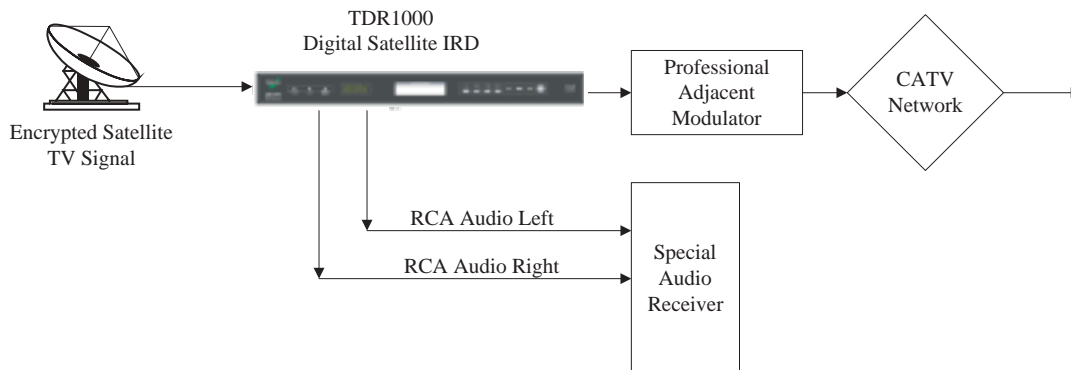
The TDR1000 is Radyne ComStream's extremely cost effective IRD solution for Cable, business or private television networks. The TDR1000 is DVB and MPEG-2 compliant and equipped with a QPSK demodulator. The 1RU, rack mountable, TDR1000 can be configured with up to two PCMCIA Common Interface modules allowing the unit to receive various encrypted DVB-S programs. These DVB-S programs include, but are not limited to, Conax, CryptoWorks, Irdeto, NDS, Mediaguard, SECA and Viaccess.

VERSATILITY:

With IR Remote Control (RCU), you can alternate between the two PCMCIA's allowing for receipt of two different types of encrypted signal. The signal can then be demodulated to free analogue video/audio signal. This function is also available via the user-friendly front panel LED display.

The TDR1000 can store up to 2000 channels with last channel memory.

The TDR1000 has a 256 color screen display which supports English, French, German, Spanish, Italian, Chinese, Arabic and the unit can automatically convert PAL to NTSC and vice-versa.



TDR1000

Professional Digital Satellite IRD with Common Interface



TECHNICAL SPECIFICATIONS

STANDARD FEATURES:

- Input:**
- L-Band, 950 to 2150 MHz, F-Type (Female) Connector
 - Variable QPSK, Signal Rate from 2 to 45 Msps (SCPC or MCPC)
 - Input Levels -65 dBm to -26 dBm
 - DVB-Compliant FEC Reed-Solomon Decoding 1/2, 2/3, 3/4, 5/6, 6/7, 7/8
- Video Processing:**
- MPEG-2 Main Profile @ Main Level (ISO/IEC 13818-2)
 - Compressed Video Rates from 1 Mbps to 15 Mbps
- VBI:**
- ATSC Closed Captioning, DVB Subtitling and Teletext
- Video Output:**
- Composite Analog NTSC or PAL - RCA
- Audio Processing:**
- MPEG Layer I or Layer II, Musicam
- Audio Output:**
- One Analog Stereo Pair on RCA
- Conditional Access:**
- BISS & DVB-CI
- Remote Control:**
- RS-232 on a DB-9 (Male) Connector
- Local Operator Control Panel:**
- Menu-Driven On Screen Display with Keypad for Configuration, TV Service Identification, Status, and Monitoring
- Physical**
- Dimensions:**
- 1RU, 45mm High x 440mm Deep x 483mm Wide
- Weight:**
- 2.4 kg
- Power Supply:**
- Auto-Ranging 90 to 240 VAC
 - 50/60 Hz Universal Power Supply
 - 25 Watts Maximum Consumption
- Operating Conditions:**
- Ambient Temperature: 0° to 40°C
 - Operating Humidity: 95% Non-Condensing

U.S.A./Canada: 3138 East Elwood Street, Phoenix, Arizona 85034 USA Tel: +(1) 602.437.9620 Fax: +(1) 602.437.4811
6340 Sequence Drive, San Diego, California 92121 USA Tel: +(1) 858.458.1800 Fax: +(1) 858.657.5400
Europe/Middle East/Africa: Charwell House, Wilsom Road, Alton, GU34 2PP, United Kingdom Tel: +(44) 1420.540.233 Fax: +(44) 1420.540.232
Latin America: 6340 Sequence Drive, San Diego, California 92121 USA Tel: +(1) 858.458.1800 Fax: +(1) 858.657.5400
China: Room 405, Building B, Heqiao Mansion, No. 8 Guanghua Road, Chaoyang District, Beijing 100026 China Tel: +(86) 10.658.31975 Fax: +(86) 10.658.31974
Asia-Pacific: 15 McCallum Street, #12-04, NatWest Centre, Singapore 069045 Tel: +(65) 6225.4016 Fax: +(65) 6325.1950
JI M.T. Haryono Kav 25, Jakarta, Indonesia 12820 Tel: +(62) 21.521.3733 Fax: +(62) 21.252.0142
www.radn.com

Prices, specifications, and product availability subject to change without notice. All trademarks acknowledged.

© Copyright 2004 Radyne ComStream Corporation. All rights reserved.

ML-0506 4/04



www.radn.com