



TDR3000

Professional Digital Satellite IRD with CI and ASI



HIGHLIGHTS

- ▶ 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
- ▶ Transparent Decryption ASI or Non-Decryption Output
- ▶ Dual QPSK & ASI Input Options
- ▶ Multiple Channel Decryption via a TDR3000 Daisy-Chain Configuration
- ▶ Front Panel Configuration and Monitoring
- ▶ 256 Color Screen Display Supports Multiple Languages
- ▶ OSD Teletext (DVB ETS 300 706) and Caption Function Supported
- ▶ Video PID & Audio PID Setup EPG
- ▶ Function Supports PIGDisplay
- ▶ Automatic Conversion Between NTSC & PAL
- ▶ Software Upgradeable via RS-232
- ▶ 2000 Channel Storage, with Last Channel Memory

DESCRIPTION

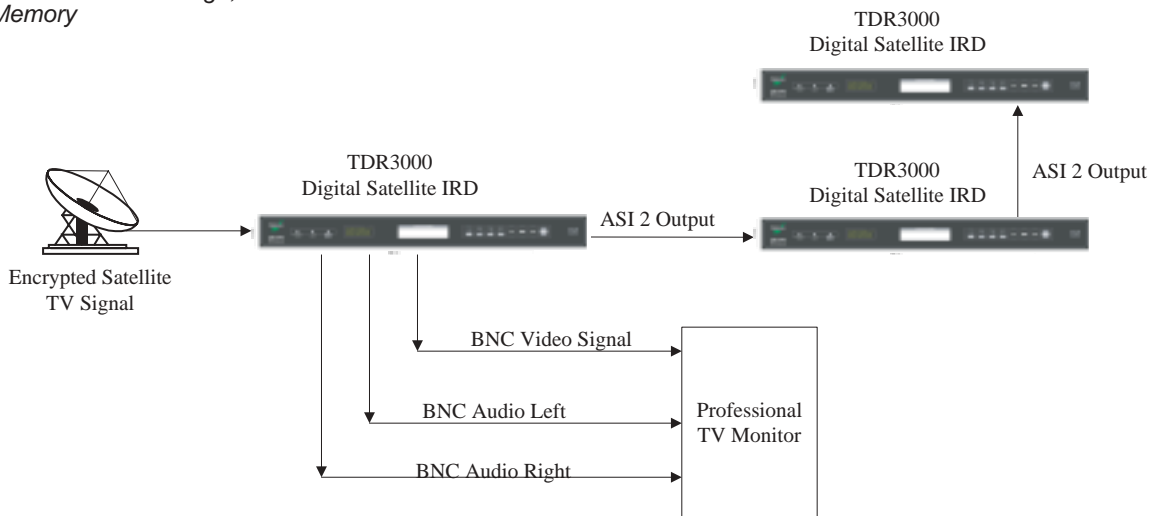
The TDR3000 is Radyne ComStream's cost effective professional IRD solution for cable, business or private television networks. The TDR3000 is DVB and MPEG-2 compliant and equipped with a QPSK demodulator and an ASI input and output. The 1RU, rack mountable, TDR3000 can be configured with up to two PCMCIA 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.

DUAL INPUTS:

The TDR3000 provides two signal input options, one is QPSK which receives the DVB-S signal from the satellite, and the other is ASI. The ASI source could be provided by another CATV head-end device.

MAXIMUM FLEXIBILITY:

The ASI input and two ASI outputs enable the user to pass along an encrypted program to another IRD for decrypting. Multiple encrypted programs can be received and decoded by a daisy chain of TDR3000s



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TECHNICAL SPECIFICATIONS

STANDARD FEATURES:

- Input:**
- L-Band, 950 to 2150 MHz, F-Type (Female) Connector
 - Dual QPSK, Signal Rate from 2 to 45 Msps and ASI
 - Input Levels -25 dBm to -65 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 (Line 21), DVB SVB/Teletext
- Video Output:**
- Composite Analog NTSC or PAL - BNC
- Audio Processing:**
- MPEG Layer I or Layer II, Musicam
- Audio Output:**
- One Analog Stereo Pair - XLR
- 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
- DVB-ASI Input:**
- 75 Ohms - 1 BNC (Female)
 - 270 Mbps
- DVB ASI Output:**
- 75 Ohms - 2 BNC (Female)
 - 270 Mbps
- Physical**
- Dimensions:**
- 1RU, 45mm High x 440mm Deep x 483mm Wide
- Weight:**
- 2.6 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

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