

FOR EDUCATION AND PRIVATE ENTERPRISE NETWORKS

DSR-5200V



PRIMARY FEATURES:

- TCP/IP router and bridge
- SLIP or PPP
- SNMP capability
- Up to 9 Mbps data throughput sustained
- MPEG-2-transport standard compatible
- Digital stereo Dolby AC-3 Audio
- Extended range tuner, 950 – 1550 MHz
- Virtual channel maps downloaded over satellite link
- 29-key IR remote control
- Closed caption pass-through, F1/F2
- Supports both C- and Ku-band
- Tabletop chassis for easy setup
- TvPass® card renewable security-ready

SPECIFICATIONS:

Input Specifications

Input Frequency 0.95 to 1.55 GHz
 Input Impedance 75 Ω

Digital Processing

Modulation Modes QPSK and QPSK
 Symbol Rate Range 1.83 Msps to 29.27 Msps
 Forward Error Correction @ 1.83 and 2.44 Msps = 3/4, 4/5, 5/6, 7/8, @ 3.25 to 14.63 Msps = 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 7/8 @ 19.51 and 29.27 Msps = 5/11, 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 7/8 4.0 @ 19.51 Msps

E_b/N_0 (FEC = 3/4)

Video

Output Level 1 V p-p into 75 Ω
 Frequency Response ±1.0 dB (DC to 4.2 MHz)
 (Composite, Component Y/C, and OSD)
 C/L Delay Inequality ±50 nsec (composite only)
 Differential Gain 5% p-p max. (10 – 90% APL)
 Differential Phase 5 deg. p-p max. (10 – 90% APL)
 Signal/Noise Ratio 57 dB luminance weighted

Audio

Output Level 4.2 V p-p ±10%, for encoder input of 16.0 dBm @ 1 kHz
 Frequency Response ±1.5 dB p-p, 20 Hz to 20 kHz
 Total Harmonic Distortion max. 0.4% or better,
 Signal/Noise Ratio 84 dB or better
 RE: 5 Vp-p measured at 1 kHz
 Isolation 80 dB, 1 kHz

RF Re-Modulator

Channels 3 or 4 switchable
 RF Output 66 dBuV ±3 dB
 RF Impedance 75 Ω

Physical Environment

Temperature 0° to 40° C ambient
 Humidity 95% relative
 Dimensions 43.2 cm W x 35.7 cm D x 8.6 cm H
 Weight approx. 4.5 kg
 Power Input 85-135 VAC @ 60± 3 Hz
 Nominal Power Consumption 42 watts
 UL, CSA, CE listed

Data

Asynchronous RS-232, 1200 bps to 19.2 kbps
 LAN Interface RJ-45 10baseT Ethernet
 19.2 kbps to 9 Mbps

Other

Limited Warranty one year

For more information on the DSR-5200V receiver or the rest of the DigiCipher® II product line, please contact us or visit our web site.



General Instrument Corporation
 Satellite Data Network Systems
 6450 Sequence Drive
 San Diego, CA 92121
 Tel 619.404.2445
 Fax 619.404.2443
 www.gi.com

Copyright © 1998 General Instrument Corporation. All rights reserved.

General Instrument® and design, DigiCipher®, and TvPass® are registered trademarks of General Instrument Corporation. Dolby and AC-3 are trademarks of Dolby Laboratories Licensing Corporation. All other marks are the property of their respective owners.

Features and functions subject to change without notice.