

UDC-DBU DATA BROADCAST UNIT



Supports RS-232, RS-530,
RS-422/449, X.21, V.35, HSSI, LVDS

FEATURES / BENEFITS

- ✓ Interface(s) - Input Port: RS-232, RS-530, RS422, X.21, V.35 Output Port: RS-232 or V.11 balanced
- ✓ Data Rates - Up to 20Mbps
- ✓ Input Port: Serial Data Interface cards are Interchangeable
- ✓ Supports Synchronous or Asynchronous Data
- ✓ Ideal for V-SAT Data/Clock Broadcasting
- ✓ Timing - External from attached DCE
- ✓ Status LED's for Input and Outputs
- ✓ 110/220VAC switch selectable or DC Power for -48VDC
- ✓ UL, CSA and CE Approved, RoHS
- ✓ Sturdy Aluminum Enclosure

DESCRIPTION

The UDC-DBU Data Broadcast Unit is designed for use in receive only data broadcast applications. Examples of typical data broadcast applications are; Continuously updated public data displays and distribution of continuous noncritical data to PC's or receive only printers.

The expanding role of V-SAT systems in receive only applications for real time data distribution is expected to increase dramatically over the next several years. The UDC-DBU is an excellent choice for applications of this type.

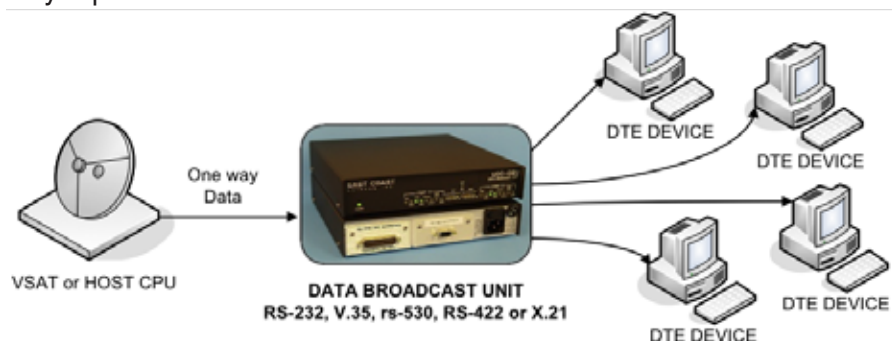
The UDC-DBU input port accepts a variety of DTE models manufactured by East Coast Datacom, Inc. with support for RS-232, RS-530, RS-422/449, X.21 and even TTL. The units output ports can support up to four receive only terminals simultaneously for either RS-232 or balanced V.11 on RJ-45 connectors.

The UDC-DBU's master port has a DB-25 female connector. The sub-channels are also DB-25 female connectors.

The UDC-DBU continuously broadcasts receive data and receive timing signals from the data source to the 3 output terminal ports.

The UDC-DBU is housed in a sturdy aluminum enclosure and is supplied with an internal linear power supply. The unit has a 110/120 VAC rotary select switch located on the rear of the housing. The unit can operate on standard power found in all countries.

The UDC-DBU has a three year warranty and a 24 hour turnaround on warranty repairs.



EAST COAST DATACOM, INC.

SPECIFICATIONS

Application

Allows a single serial Input Port for Data, Clock and a optional Control Signal to be split to four output ports for either RS-232 or balanced V.11

Capacity

One Input Port and four output ports

Serial Data Interface

Available in RS-232, V.35, RS-530, RS-422/449, X.21, HSSI, TTL and EIA-644(LVDS),

Data Rates

Up to 20Mbps

Data Format

Synchronous or Asynchronous Data Transparent at all Data Rates

Indicators

POWER, TXD, RXD, TXC, RXC, RTS, CTS, DTR, DCD

Surge Protection

Main power supply

Power Source

AC Mains: 100-120 to 200-220VAC @10%, 50/60Hz, 0.16/0.08A, external 110/220 volt select switch, IEC Power Inlet, (2) 5mm Fuses DC Mains:

DC Voltage, Input Range of -36 to -72vdc Current Draw at 48vdc: 75ma @ 3.6watts

Environmental

Operating Temperature . . .32° to 122° F (0° to 50° C)
Relative Humidity.5 to 95% Non-Condensing
Altitude.0 to 10,000 feet

Dimensions Standalone

Height 1.75 inches (4.44 cm)
Width 9.00 inches (22.86 cm)
Length 9.00 inches (22.86 cm)

Dimensions Rackmount

Height 1.75 inches (4.44 cm)
Width 17.00 inches (43.18 cm)
Length 9.00 inches (22.86 cm)

Weight

4.50 pounds (2.1 Kg)

Warranty

Three Years, Return to Factory

ORDERING INFORMATION

RS-232 Output Ports

Standalone Part #: 186000, Model: UDC-DBU_232
Description: UDC-DBU, Standalone 4-Port RS-232

1U Rackmount Part #: 213000, Model: UDC-DBU_RM
Description: UDC-DBU, 1U Rackmount 4-Port RS-232

V.11 Output Ports

Standalone Part #: 220000, Model: UDC-DBU_V11
Description: UDC-DBU, Standalone 4-Port V.11

1U Rackmount Part #: 221000, Model: UDC-DBU_RM
Description: UDC-DBU, 1U Rackmount 4-Port V.11

Optional DC Supply

Part Number: 184018

Model: UDC-DC -36 to -72 DC Power Supply

Input Port Serial Interface

Select, **One Card** below for your order

PART NUMBER	SERIAL CARD DESCRIPTION
175045	EIA-644(LVDS) DTE I/M
151043	HSSI DTE I/M
129029	RS-530 DTE I/M
129030	RS-422/449 DTE I/M
129031	X.21 DTE I/M
129028	V.35 DTE I/M
129032	RS-232 DTE I/M
129057	TTL I/M

INCLUDED WITH EACH UNIT:

- 1) Operations Manual
- 2) U.S.A. Grounded Power Cord, Part # 713015
- 3) Optional Power Cords
 - A) United Kingdom, Part # 713016
 - B) Continental Europe, Part # 713017
 - C) Other: Specify Country on Purchase Order

Optional Accessories

- 1) Spare Data Center Fuses
 - A) 160ma Fuse, Qty (2) Part # 714000
 - B) 80ma Fuse, Qty (2) Part # 714001

EAST COAST DATACOM, INC.

245 Gus Hipp Boulevard, STE 3 • Rockledge, FL 32955-4812 U.S.A.

TEL: (321) 637-9922

WEB SITE: www.ecdata.com

FAX: (321) 637-9980