# UIC
# UNIVERSAL INTERFACE CONVERTER



## FEATURES / BENEFITS

√ **Interface–V.35, RS-530, RS-422/449, RS-232, X.21, TTL and HSSI**

√ **Optional Interface - consult factory for special order**

√ **Data Rates- Synchronous to 10Mbps**

√ **Control Signals - may be forced on a per port basis**

√ **Status LED's for each port allows ease of connection and trouble shooting**

√ **Timing – accepts external timing from attached DCE**

√ **110/220VAC switch selectable**

√ **Sturdy Metal Enclosure - rack mount kit included**

## DESCRIPTION

The Universal Interface Converter (UIC) allows the user to purchase a single product to convert interfaces between any combination of RS-232, V.35, RS-422/ 449, X.21, RS-530, TTL, HSSI and customer specific requests. The UIC is shipped with any two user specified data interfaces. Additional data interfaces are sold separately.

The individual data interfaces are available in DCE or DTE formats. Each data interface has the ability to force commonly used control signals such as DSR, DTR, Ring Indicate, Control and Indicate.

The data interfaces may be mix and matched in any combination.

The UIC has two TTL level interfaces for connecting each data interface. Installation is fast and simple by plugging the DTE interface card into Port B and the DCE interface card into Port A. In all installations, Port B will always provide timing to Port A.

The UIC has status LED's for each attached data interface which allows the user to visually confirm the presence of control signals.

The UIC utilizes state of the art digital CMOS technology to provide a feature filled product at a very affordable price. Our Field Programmable Gate Array (FPGA) design has allowed us to offer this product with a wide selection of data interfaces.

The UIC is housed in a sturdy metal enclosure and operates on 110/220VAC.

The UIC has a three year warranty and a 24 hour turnaround on warranty repairs.

## EAST COAST DATACOM, INC.

# SPECIFICATIONS

**Application**
Allows interconnection of a DCE and a DTE device which have different data interfaces, converting signal levels and the physical data interface

**Capacity**
One DCE and one DTE device

**Data Rates**
Up to 10Mbps

**Data Channel Interfaces**
Available in V.35, RS-530, RS-422/449, RS-232, X.21, HSSI or TTL
* other interfaces available by special order

**Surge Protection**
Main power supply

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

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

**Weight**
2 pounds (0.914Kg)

**Warranty**
Three Years, Return To Factory

**ORDERING INFORMATION**
Model: UIC
Description: Universal Interface Converter

**Interfaces Available:**
HSSI, PT# 151028
TTL W/BNC PT# 129057
DCE Cards (connects to a DTE)
V.35 DCE, PT# 129010
RS-530 DCE, PT# 129011
RS-422/449 DCE, PT# 129012
X.21 DCE, PT# 129013
RS-232 DCE, PT# 129014

DTE Cards (connects to a DCE)
V.35 DTE, PT# 129028
RS-530 DTE, PT# 129029
RS-422/449 DTE, PT# 129030
X.21 DTE, PT# 129031
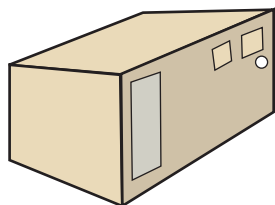RS-232 DTE, PT# 129032

**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

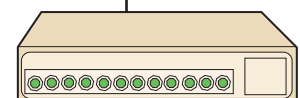EAST COAST DATACOM DESIGNS AND MANUFACTURES DATA COMMUNICATION EQUIPMENT FOR YOUR NETWORK REQUIREMENTS.

## UNIVERSAL INTERFACE CONVERTER

**DTE DEVICE**
**V.35, RS-232, X.21**
**or RS-422/449, RS-530**

**UIC**
**SPEEDS TO 10Mbps**

**DCE DEVICE**
**V.35, RS-232, X2.1**
**or RS-422/449, RS-530**

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE     DOC #721015-B