

VALIANT COMMUNICATIONS LIMITED



10BaseT to V.35 Interface Converter

Product Brochure

INDIA

Valiant Communications Limited

71/1, Shivaji Marg, New Delhi - 110015, India
Phone: +91-11 4105 5601, +91-11 4105 5602,
+91-11 4105 5603, +91-11 2592 8415,
Fax: +91-11 4105 5604, +91-11 2543 4300
E-mail: getinfo@valiantcom.com
Website: <http://www.valiantcom.com>

U.K.

Valiant Communications (UK) Ltd

1, Acton Hill Mews, 310-328 Uxbridge Road,
London W3 9QN
United Kingdom
E-mail: uk@valiantcom.com
Website: <http://www.valiantcom.com>

U.S.A.

Valcomm Technologies Inc.

4000 Ponce de Leon, Suite 470
Coral Gables, FL 33146
United States of America
E-mail: fl@valiantcom.com
Website: <http://www.valiantcom.com>

U.A.E.

Valiant Communications FZE

P.O. Box No. 121523 SAIF Zone,
Sharjah,
U.A.E.
E-mail: uae@valiantcom.com
Website: <http://www.valiantcom.com>

Product Overview

The **10BaseT to V.35 Interface Converter** is a high performance Ethernet bridge which converts a 10Base-T Ethernet to V.35 interface . With a compact size and low cost, it is ideal for low cost Ethernet bridge applications over V.35 network.

It learns the MAC addresses in the linked LAN and keep them updating continuously.

Up to 10,000 MAC addresses can reside in its LAN memory, which are updated automatically. The highest transmitting and filtering rate is 30,000 frames per second (line speed). The buffer is capable of storing 256 frames with a waiting throughput of one frame. When applied as a LAN extender, the bridge has two working status, filtering and not filtering.



Front View



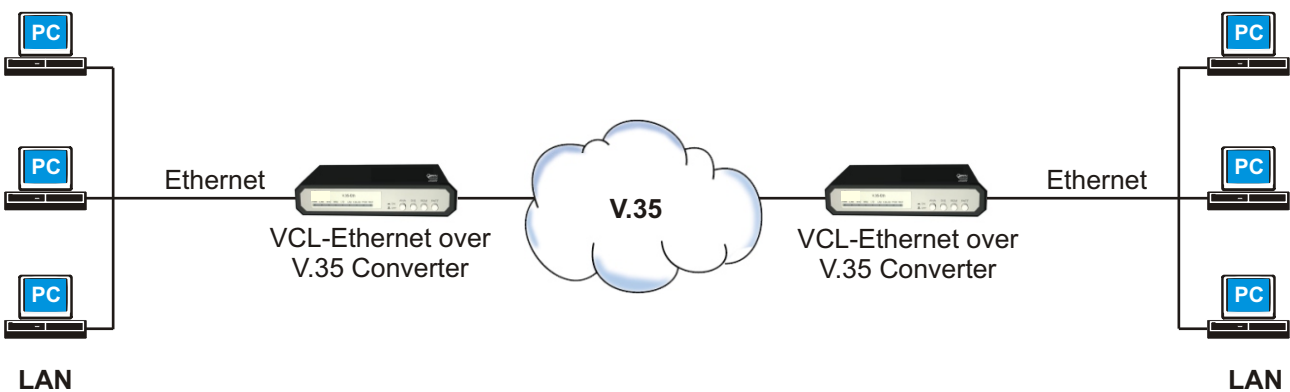
Rear View

The equipment shall be used and installed always in pair and work only in pair, one device at either end.

Features

- Conversion from 10Base-T Ethernet to V.35
- User selectable V.35 data rate - $N \times 64K$ ($N=1 \sim 32$)
- Provides internal / loop-timed clocks modes for maximum flexibility
- Configurable clock phase for the receiving clock
- Self test and diagnostic modes
- LED indicators to indicate alarms and operating status
- DTE / DCE selection option for the interfacing equipment.

Typical Application



Technical Specifications

10BaseT Interface Specification

Standard	IEEE802.3
Interface rate	10Mbit/s
Interface type	RJ-45

V.35 Interface Standard

Bit rate	Adjustable from 64Kbps ~ 2048Kbps in Nx64 selection mode
Clock mode	Internal clock / Loop-timed
Interface type	V.35 / DTE
Electrical character	ITU-T V.35 compliant
Terminal standard	DB25 (with M34 winchester adapter)

Environment

Power supply	Option of 220V AC or - 48V DC power
Power consumption	≤5W
Operating temperature	-5°C to 50°C
Storing temperature	-40°C to +70°C
Relative humidity	90% none condensing

Physical

Standalone	(19"/2)
Dimensions	200mm (Width) × 43.5mm (Height) × 150mm (Depth)
Weight	0.8 kg
Rack type	EIA 19" Inch Rack Mountable Shelf

Ordering Information

S No.	Part #	Product Description	Qty
1.	VCL-V35-ETH	10BaseT to V.35 Interface Converter	1

