



INTRODUCTION

Milestone model UD-25PL is a USB to RS485 converter and is designed for high-speed data transmission between computer system through its USB port and peripherals or other devices having RS485 interface.

APPLICATIONS

Application for these converters can be for factory automation, programmable logic controllers, attendance recording systems, Barcode Readers, remote data transmission, remote terminals, EPABX etc.

SPECIFICATIONS

Input	USB 2.0 Compliant
Output	RS485 Interface (D9 Male Connector)
Data Format Supported	Parity: Odd, Even, No parity Baud Rate: 300 bps to 921.6 Kbps X-On / X-Off handshake Protocol Receive Buffer: 512 Bytes Transmit Buffer: 512 Bytes
Power Supply	Through USB Port

UD-25PL KIT CONTENTS

The Converter kit contains

1. UD-25PL Converter Box
2. For downloading the firmware, please visit or web site www.milestone.co.in & download UD25 Driver. This contains the VIRTUAL COM Port Driver & USB Bridge for the converter.

INSTALLATION INSTRUCTIONS

This converter has to be used with PC with Windows Operating System.

Installation of UD-25PL:

1. Plug in the UD-25PL using USB cable to PC USB port. As soon as it is plugged in, it will start to install the driver automatically.
2. Insert 'CD' provided along with the kit.
3. Follow the instructions till you get displayed message "MLU485 installed successfully" click "OK". Now the drivers are installed and the unit is ready to use.

Note: - **This installation is required only once or after uninstallation.**

4. Check in the device manager whether VIRTUAL COM PORT has been installed and also check the properties of the port. (Such as Baud rate, Buffer size etc.)
5. Connect RS485 port through appropriate cable. Now you are ready for communication between PC and external 485 device using Virtual Com Port .

Uninstall the Drivers:

To uninstall the “Driver” run “CYG_UNINSTALL” from the CD provided along with the kit, you will get a display message screen, which will guide you through the uninstallation of the Drivers.

CONNECTORS

TABLE I: USB Port - Pin Description

Pin No.	Signal Name
1	VBUS
2	D-
3	D+
4	Signal Ground

TABLE II: Output port-RS485-D9 Male connector

PIN No.	Signal
5	+Data
6	-Data
7	GND

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