



## UTP1025B

USB to Printer Port Adapter



### Introduction

No longer would the usage of a parallel device be restricted by the availability of the connectable ports on the desktop, laptop or work station system. With SUNIX UTP1025B USB to Printer Adapter, users now have the ability to convert the connection of their parallel peripherals into USB (Universal Serial Bus) compatible. The UTP1025B is compatible with both USB 2.0 and 1.1 specifications. The USB Full Speed connection offers data transfer rate up to 12Mbps. SUNIX UTP1025B provides the printer (LPT) port supports SPP mode. It provides a quick, simple and cost-effective way to bring the advantages of data accessibility for automation applications.

### Features

- Expands 1-port Parallel LPT on system via USB connection.
- Supports Universal Serial Bus Plug-n-Play and Hot-Swapping feature.
- No IRQ, DMA, I/O address resource required.
- Supports USB 1.1 full speed 12Mbps, and it is USB 2.0 compatible.
- IEEE1284 Parallel(LPT) port supports SPP mode with transfer speed up to 2.7MB/sec
- Compact size and low power consumption.
- Plug-n-Play, I/O address and IRQ assigned by BIOS.
- Driver free under Microsoft Window 2000 / XP / 2003 / 2008 / Vista / 7.



## Specifications

### USB Communication

<b>Bus Interface</b>	Universal Serial Bus	<b>Connector</b>	USB Type A
<b>Standard</b>	Compliant with USB 1.1 and 2.0	<b>Speed</b>	Full Speed 12Mbps

### Parallel Communication

<b>Interface</b>	IEEE1284 SPP Mode	<b>IRQ &amp; IO</b>	Assigned by System
<b>Controller</b>	Prolific PL2305	<b>Speed</b>	Maximum 2.7Mbps
<b>No. of Port</b>	1-port	<b>Port Type</b>	DB25 Female

### Power

<b>Power Input</b>	USB Bus-power
<b>Power Consumption</b>	<1W = 5V x 200mA

### Driver Support

<b>Microsoft Client</b>	98/ME/2000/2003/2008/XP/Vista/7 (X86/X64)
-------------------------	---

### Regulatory Approvals

<b>Hardware</b>	EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B, RoHS
-----------------	---

### Environment

<b>Operation Temperature</b>	0 to 60°C (32 to 140°F)
<b>Operation Humidity</b>	5 to 95% RH
<b>Storage Temperature</b>	-20 to 85°C (-4 to 185°F)

### Dimension

<b>Dimension</b>	76 x 40 x 22 mm
<b>Case</b>	ABS
<b>Weight</b>	95±5g
<b>Cable Length</b>	1500 mm (5ft)

## Application

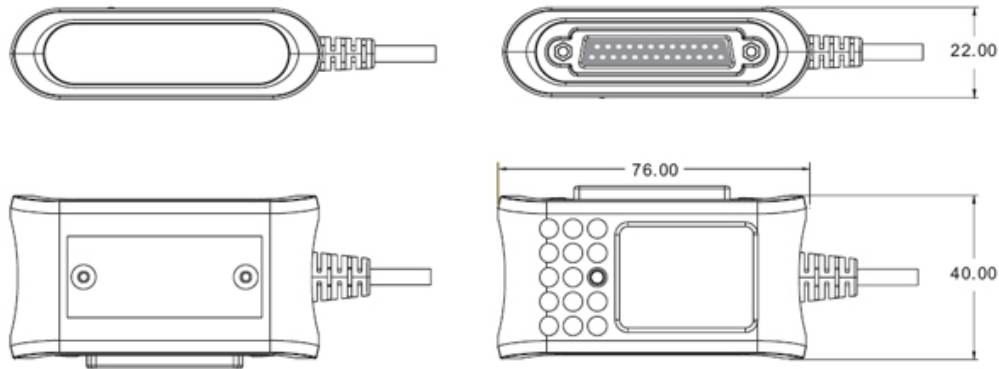


Note:

- \* Do not support LPT Key Locker Parallel device.
- \* LPT port does not support legacy 278/378 ISA address under Windows nor Linux operation systems.
- \* This adapter only supports Printer Parallel device with SPP mode.

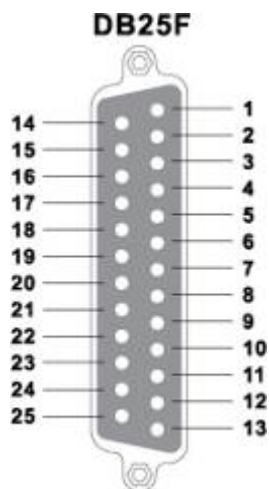


## Mechanical Drawings (Unit = mm)



## Pin Assignment

### Parallel



PIN	DB25F	PIN	DB25F
STROBE	1	AUTO FEED	14
DATA0	2	ERROR	15
DATA1	3	INT	16
DATA2	4	SELECT INPUT	17
DATA3	5	GND	18
DATA4	6	GND	19
DATA5	7	GND	20
DATA6	8	GND	21
DATA7	9	GND	22
ACKNOWLEDGE	10	GND	23
BUSY	11	GND	24
PAPER EMPTY	12	GND	25
SELECT	13		

## Packing List

### Packing Content

- UTP1025B- USB to Printer Port Adapter
- Quick Installation Guide
- Software CD ROM