IUSB-9041

>> 4-port USB2.0 to 1-port 10/100TX IP USB Server

- Network-enabled USB hub
- Access and monitor USB peripheral devices over TCP/IP network
- Works with existing POS or other application software
- USB 1.0 / 1.1 / 2.0 Support
- Powerful Windows utility USB-Tool
- Virtual USB driver support
- Multiple units supported per server
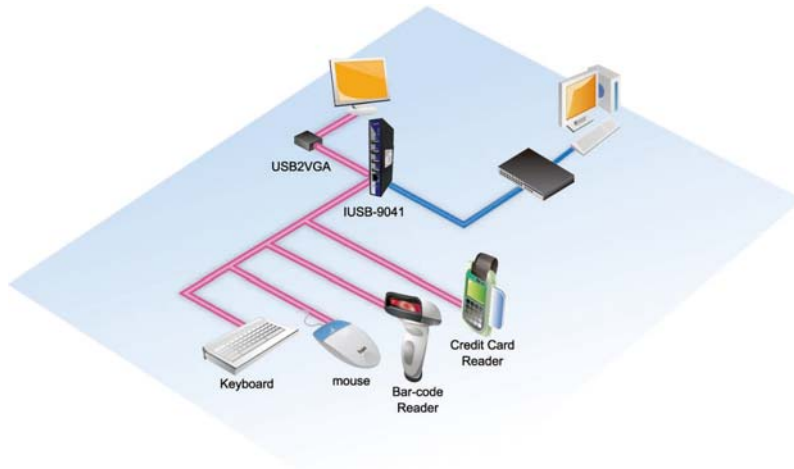
> Features

- Data rates up to 480 Mbps per USB port
- RJ-45 Ethernet to 4 USB ports
- 500 mA downstream power per USB port
- USB 1.0 / 1.1 / 2.0 Support
- USB Hub support to extend device
- Static/DHCP IP address per unit

- Multiple units supported per server
- Powerful configuration Windows utility USB-Tool
- 10/100Base-TX Ethernet support
- Rigid IP-30 housing design
- Din-Rail and panel mounting enabled
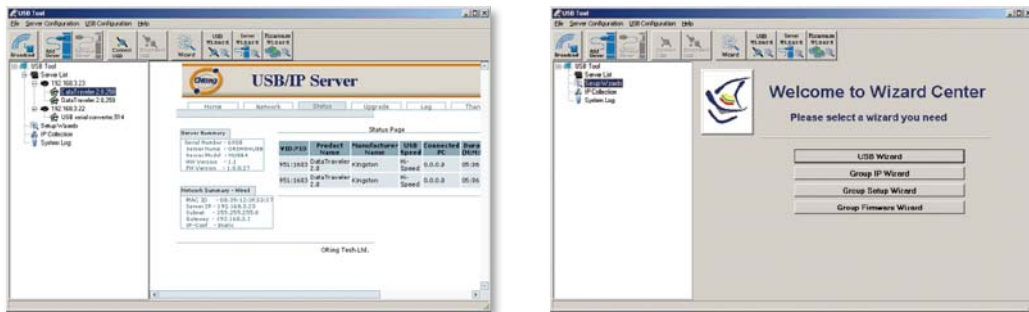
> Introduction

IUSB-9041 is a network-enabled USB hub. It is a powerful remote networking solution to utilize, making it easy to connect USB devices anywhere through the network, while eliminating the need for locally-attached host PCs. IUSB-9041 provides four USB 2.0 ports, which deliver the same Plug and Play experience as onboard USB ports. Software drivers are loaded onto a host PC or server, enabling remote devices to communicate with the host PC, without changing existing application software. Peripheral devices can be centrally managed and monitored from a remote server or PC via an IP address. IUSB-9041 is also compatible with Bulk or Interrupt type USB devices such as bar-code scanners, printers, fingerprint scanners, mice, pole displays, card readers, USB flash drives, web camera, and more. In addition, bundled powerful Windows utility – USB-Tool can be used to discovery, mapping USB servers in the LAN. USB-Tool also provides security functions, like Access IP list control and friendly wizards for group IP setting and firmware upgrade. User can also use web interface to manage IUSB-9041 remotely from internet.

> USB-Tool

In practical operation of IUSB-9401, users can access USB devices through the TCP/IP network remotely without the connecting USB device locally. For logistic application, zero clients can avoid the central control PC been damaged and reduce total investment. Windows utility (USB-Tool) is supported for configuration and management remotely. This utility is very helpful for you to manage and monitor all of the USB servers on the network.
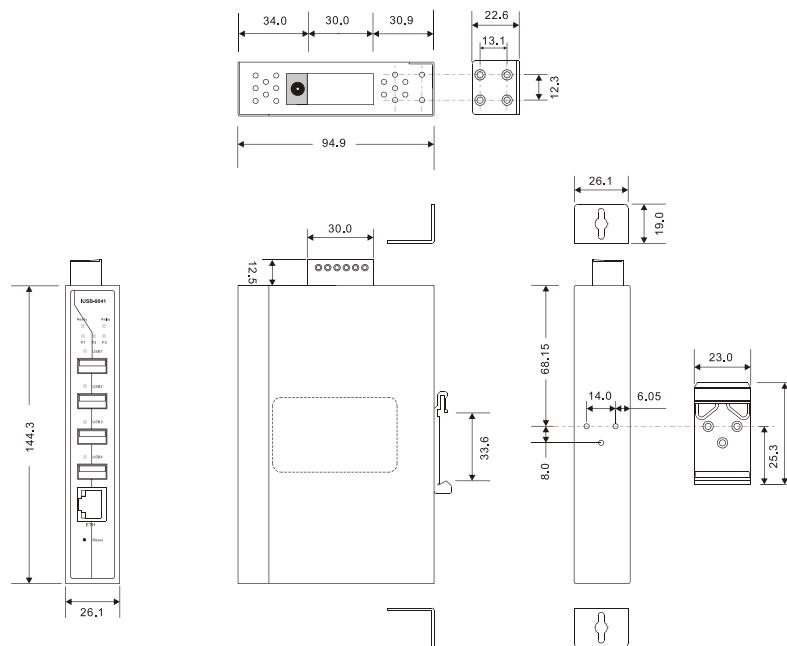
USB remote connectivity

USB-Tool : Monitoring and Configuration interface

> Dimension

(Unit=mm)

Company Overview

Key Technologies

New Products

Product Selection Guide

Industrial Ethernet Switch

Industrial Media Converter

Industrial Device Server

Industrial Wireless Solution

Industrial Serial Card

USB Server

Accessories

ORing Media Converter	IUSB-9041
Physical Ports	
10/100Base-T(X) Port in RJ-45 Auto MDI/MDIX	1
USB Ports	
Connector	USB 2.0 x 4
Operation Mode	1.0 / 1.1 / 2.0 support
LED Indicators	
Power indicator	Power LED x 3
Ready indicator	Green for ready
Relay indicator	Amber for fault relay
10/100TX RJ-45 port indicator	Green for port Link/Act. Amber for data transmitted.
USB indicator	Green for USB port activated
Fault contact	
Relay	Relay output to carry capacity of 1A at 24VDC
Power	
Input Power	Triple DC inputs. 12 ~ 48 VDC on 6-pin terminal block and power jack
Power Consumption (Typ.)	4W
Physical Characteristic	
Enclosure	IP-30
Dimension (W x D x H)	26.1(W) x 94.9(D) x 144.3(H) mm (1.03x3.74x5.68 inch.)
Weight (g)	386g
Environmental	
Storage Temperature	-40 to 85°C(-40 to 185°F)
Operating Temperature	-10 to 60°C (14 to 140°F)
Operating Humidity	5% to 95% Non-condensing
Regulatory approvals	
EMI	FCC Part 15, CISPR (EN55022) class A
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11
Shock	IEC60068-2-27
Free Fall	IEC60068-2-32
Vibration	IEC60068-2-6
Safety	EN60950
Warranty	5 years

> Ordering Information

IUSB- 9 AA B - C

Code Definition	Serial Port Number	10/100TX Port Number	Operating Temperature
Option	- 0**4**: 4 port	- **1**: 1 port	- **WG** : IEEE 802.11 b/g mode

	Model Name	Description	Operating Temperature
Available Model	IUSB-9041	Industrial 4-port USB2.0 to 1-port 10/100TX IP USB Server	Regular model (-10 to 60°C)