



IBM SI/O Powered-USB Hub

Legacy migration with today's open system connectivity

The IBM SI/O - Powered USB Hub enables users of IBM 4680 and 4690 series POS terminals to retain their existing IBM RS-485 peripherals and take advantage of the latest Powered USB peripherals when migrating to an open systems platform.

By connecting this Hub to a PC via a single USB connection, the software application can control both legacy peripherals and the latest Powered USB peripherals.

As computer technology changes, the PC can be replaced without affecting retail peripheral connectivity. This allows the user to choose their own computer rather than being locked into a retail specific computer costing more money.

Built-in Power Supply

A wide range AC input 230 watt power supply provides ample power for a full compliment of IBM peripherals and Powered USB devices. This Hub's powered USB +24 volt supply has been designed to provide enough power to support the Epson H6000II's stringent current requirements.

Compatibility

USB 1.1 Powered hub compliant.

Support of Windows standby mode operation which controls the power to the attached peripherals.

IBM PC Windows 98SE/2000/XP.

OPOS drivers supported.



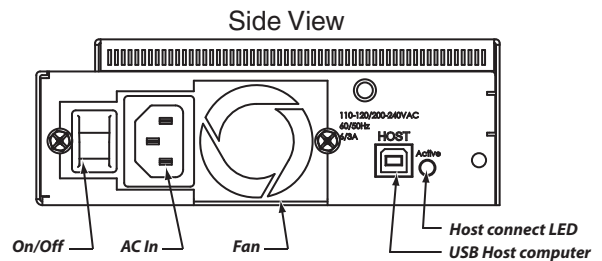
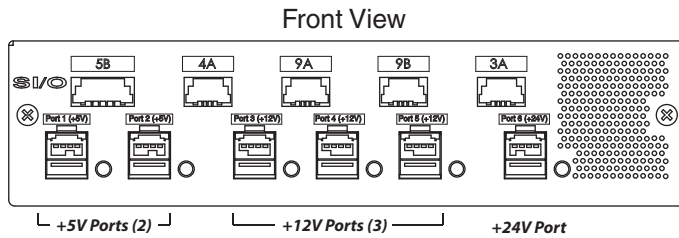
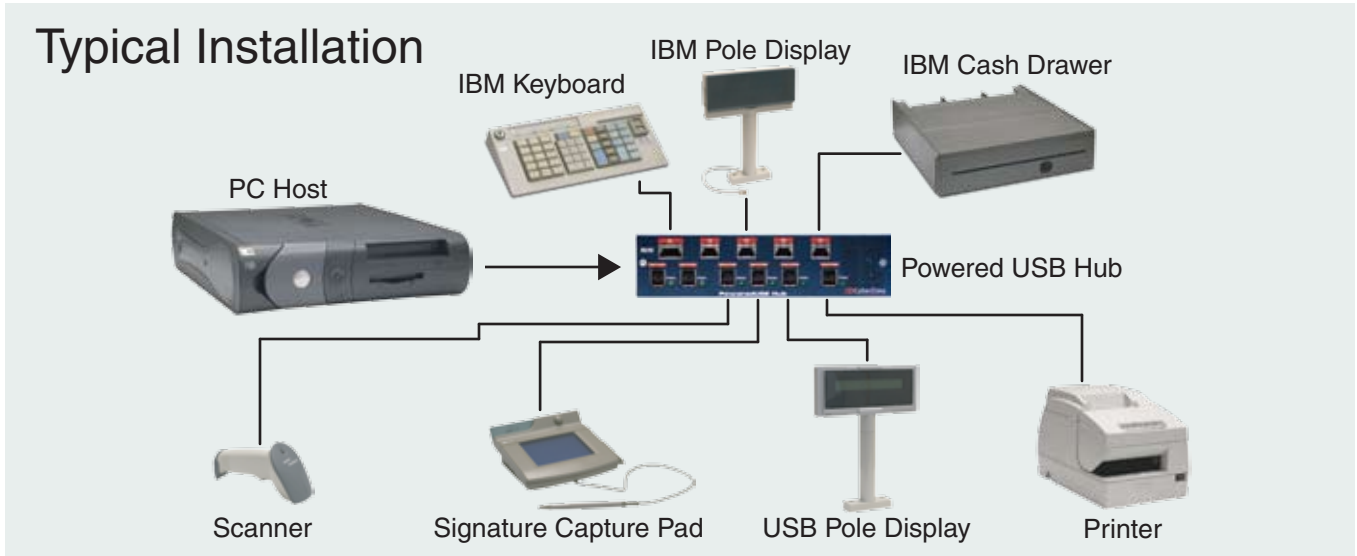
IBM SI/O Ports	
3A	Cash drawer
5A	Keyboard
4A	Display
9A	Scanner
9B	Option

SI/O-Powered USB Hub Specifications	
USB Ports	6
Power Output* (Standard)	1 @ 24V 2A 3 @ 12V 1A 2 @ 5V 1A
Port Baud Rates	12Mbps, 1.5Mbps
External LEDs	Power output status
AC Voltage	90 VAC to 260 VAC 60/50 Hz
Regulatory Compliance	FCC Class A & UL 60950
Warranty	2 years limited
Part Number	010629
*All ports support standard "A" type +5V USB connection.	



IBM SI/O Powered-USB

Typical Installation



AC Cable

The AC connection is a standard IEC type.

Input Requirements:

Voltage: 100 ~120 VAC or 200 ~ 240 VAC Auto Switching

Frequency: 50 / 60 Hz

Input Current: 6.0A (RMS) for 115VAC or 3.0A (RMS) for 230VAC

Host Connector

The Host connector is a standard USB "A" to "B" type cable. Maximum length is 6 meters (20 feet) with good quality cable.

PlusPower Cable Part Numbers - Voltage Keying 2 Meter Cable

	w/Single Connector	Hood Only
5 Volt	030244A	370188A
12 Volt	030245A	370177A
24 Volt	030246A	370176A

License note:

The Powered-USB controller board contains specific technology covered by a patent held by IBM Corporation. CyberData has obtained a license from IBM that permits CyberData Corporation, among other things, to make or sell products that incorporate this technology. The license also permits these products to be resold by an entity after they have been initially sold by CyberData.