



ACTiSYS International Corp.



Our Infrared adaptors are the only brand that have passed the toughest IrDA certification tests and certified as “IrReady”, assuring error free data transfer and the broadest compatibility with millions of Infrared mobile devices. We are an ISO9001 certified company and the only manufacturer / supplier conducts 100% Bit-Error-Rate (B.E.R.) test on production line. Our valuable customers include multinational companies such as FedEx, IBM, Sharp, HP, Nokia etc. If you do not try our products, you would never know our finest quality.

PRODUCT INTRODUCTIONS

IRDA Devices



NEW!

ACT-IR4000US USB ADAPTOR / IrJACK

- For Notebook PC without infrared device and Tablet PC that all the interfaces are in front.
- Similar to the size of any standard USB jack. Compact and fully portable.
- For any USB port to give user wireless data transfer for data synchronization, file transfer, backup, network access or printing.
- Infra Red data rates from 9.6Kbps to 4Mbps.
- Fully compatible with any IrDA-compliant mobile devices.
- Easy one-step installation for Window 98SE / ME / 2000 / XP.



ACT-IR2000UL FIR USB PORT ADAPTOR

- For PC USB port to give user wireless data transfer for data synchronization, file transfer, backup, network access or printing.
- Infra Red data rates from 9.6Kbps to 4Mbps.
- Fully compatible with any IrDA-compliant mobile devices.
- Easy one-step installation for Window 98SE / ME / 2000 / XP
- Plug and Play! No external power required.



ACT-IR220L+ SIR RS232 PORT ADAPTOR

- For PC-RS232 serial port and gives user wireless data transfer for record synchronization and file backup, directly from any IrDA compatible mobile devices.
- No external power required.
- Infra Red data rates up to 115.3Kbps.
- Applicable to Wins 95 / 98 / 2000 / ME / XP and Linux.
- No driver needed for Windows 98 / 2000 / ME / XP and Linux. Already natively supported by Windows.
- Communication distance up to 100cm and beyond.
- Compatible with IrDA-1.0 specifications.
- Only brand with ACPI solution.

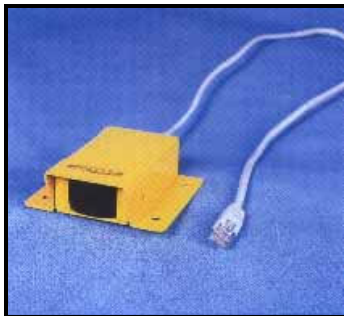
ACPI Solution

NEW!



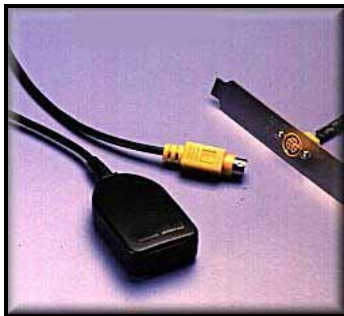
ACT-IR320L LONG RANGE RS232 PORT ADAPTOR

- Long range transmitting / receiving adapter by using 455KHz ASK-IR technology.
- Maximum effective range up to 15 meters.
- 9.6kbps, 19.2kbps and 38.4kbps RS232 baud rate supported.
- Instantly convert RS232 Port to IR, without special IrDA protocol SW, and use existing application SW.
- True cable-to-IR replacement using ASK-IR technology.
- No SW Modification Required: Single IR Speed using IR320L, used as a pair.
- No buffer in circuit, No data latency.



ACT-IR220LR RUGGEDIZED ADAPTOR

- All specifications same as model RS-IR220L's except it is for ruggedness application.
- Suitable for warehouse, industrial, medical etc.
- Maximum distance up to 100cm and beyond through a 500ft CAT-5 cable from standard RS-232 serial port.
- No external power required.
- Capable to operate under extreme temperature and humidity.
- Passes drop test, direct heat test, waterproof test.



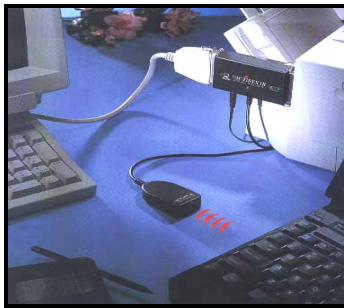
ACT-IR210L SIR MOTHERBOARD ADAPTOR

- IrDA-1.0 compatible.
- Connects directly to the IrDA-capable motherboard.
- Baud Rate 9.6, 19.2, 38.4, 57.6, 115.2Kbps.
- No external power required.
- Support Windows 95 / 98 / 2000 / ME / XP and NT4.0.
- Additional metal plate for easy installation of 4-foot cable with DIN8M connector.



ACT-IR100S IR INTELLIGENT ADAPTOR

- Simply plugs it to any RS-232 serial port and have your device instantly ready for wireless connectivity.
- Gives user wireless data transfer for data synchronization, file transfer, backup, printing or network access.
- No change of your application software.
- Compatible with IrDA physical and protocol specifications.
- Works with any serial printer, meter, data terminal, image-capture devices, modem, etc.
- Low power consumption.



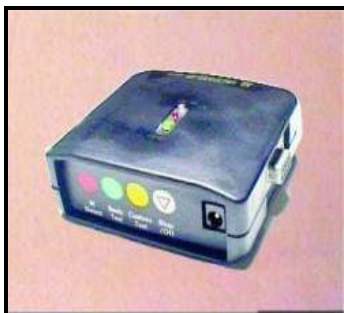
ACT-IR100M IrDA PRINTER ADAPTOR

- Enables most non infra-red parallel printer to do wireless printing from any IrDA compliant, smartphone, notebook PC, PDA etc.
- Infra red data rates up to 115.2Kbps.
- Automatic switch between typical cable-based printing from PC and infrared wireless printing from mobile devices.
- AC adapter included.
- Infrared print software for Palm and Pocket PC available.
- Infrared link distance up to 100cm and beyond.



ACT-IR100MP IrDA PRINTER ADAPTOR

- No External Power or battery required.
- Compatible with wide range of IrDA enabled devices and operating System.
- Enables the most reliable and efficient IR wireless data transfer and quick and easy wireless printing.
- Compatible with Palm O.S.-Windows CE-Symbian-based PDA, IrDA-enabled cellphone, smart phone, industrial data terminal, notebook PC and consumer devices.
- IR print Application Software for PDA—Available separately and as free demo, OEM driver is also available.



ACT-IR3000M IrDA HANDHELD TESTER

- Powerful, convenient and comprehensive IrDA BER (Bite Error Rate) tester widely used by IrDA test lab and component / product manufacturers.
- Capable to test physical and key protocol features.
- Pocket size, battery operated, optional AC adaptor.
- LED indication for test status and result.
- Test parameters programmed onto flash memory inside.
- Test result and parameter displayed and logged on PC.



ACT-IR8200IC : IrDA IC SERIES

- Custom fix upon clients' requirement for different protocols and specifications (IR8200P series).
- IrLAP / IrLMP / IAS / IrCOMM – 3 & 9 wire / TinyTP / IrLPT / IrOBEX Transport; Primary or Secondary.
- UART rate : 1.2k, 2.4k, 4.8k, 9.6k~115.2kbps.
- Software Selectable UART rate / IrDA Stack layer / others.
- Comply with "IrREADY" BER, protocol, inter' operability tests.

NEW!

BLUETOOTH Devices



ACT-BT5000U BLUETOOTH DONGLE

- 2.4GHz FHSS technology
- Speed Full 723Kbps data rate
- Distance up to 50m radius in range
- Bluetooth Spec. V1.1 spec. compliant.
- Easy to extend the network
- With multiple functions Dial-up Networking, File Transferring, LAN Access etc....
- Support Windows 98SE / ME / 2000 / XP



ACT-BT5100US SUPER BLUETOOTH DONGLE

- 2.4GHz FHSS technology
- Speed Full 723Kbps data rate
- Distance up to 100m radius in range
- Bluetooth Spec. V1.1 spec. compliant.
- Easy to extend the network
- With multiple functions Dial-up Networking, File Transferring, LAN Access etc....
- Support Windows 98SE / ME / 2000 / XP



ACT-BT5600S BLUETOOTH MODEM ADAPTER

- No additional software or driver is required.
- Suitable for analog and ISDN modems.
- Class-1 output power, designed for long range up to 100m.
- Bluetooth SIG 1.1 compliant.
- Supports Dial Up Network (DUN) and fax profiles.
- Plug-n-play wireless internet access and fax transmission.
- CE, FCC and BQB approved.



ACT-BT5700S BLUETOOTH EMBEDDED ADAPTER

- No driver required for non-Windows based communication (client) devices.
- Configurable as a Bluetooth Slave device or as an RS232 cable replacement.
- Class-1 output power, designed for long range up to 100m.
- Profile supported SPP Serial Port Profile.
- Baud Rate supported 1200bps ~ 115200bps.
- Configurable for major RS232 parameters such as band range, parity, stop bit, role type, pin code.



ACT-BT5800 LPT BLUETOOTH PRINTER ADAPTOR

- Bluetooth Profile Supported : Serial Port
- Operation System Supported Windows 98/ME/2000/XP
- Printing Speed : Up to 115.2Kbps.
- Security : Full support of Bluetooth security provisions including hardware support of full length 128bit encryption keys
- Printer Interface : IEEE 1284-B compliant
- Size : 79(L) X 54(W) X 28(H)mm



ACT-BT5900UE USB BLUETOOTH PRINTER ADAPTOR

- Compatible with Bluetooth Specification version 1.1
- Bluetooth HCRP Profile & SPP profiles supported.
- Class 1, Output power for performance up to 100m
- Support USB interfaced Printer.
- Mobility at small cost for users and totally cable free installation.
- Full support of Bluetooth security provisions including hardware support of full length 128bit encryption keys



ACT-BT5200H BLUETOOTH HEADSET

- The smallest Bluetooth headset in the world. Only about 5.5cm in length.
- High quality digital sound.
- Supports both Handsfree and Headset profiles.
- Battery charged by USB and AC Adaptor.
- No additional software or driver required.
- Long battery duration.
- BQB approved.



ACT-BT5500 BLUETOOTH HANDSFREE CAR KIT

- Easy D.I.Y Installation.
- High quality digital sound.
- Supports both Handsfree and Headset profiles.
- No additional software or driver required. Support various functions, including answering, dialing, rejecting a and terminating a call. Intelligent voice dialing to ensure total handsfree.
- BQB approved.



ACT-BT5500CL BLUETOOTH HANDSFREE CAR KIT

- Easy D.I.Y Installation.
- High quality digital sound.
- Supports both Handsfree and Headset profiles.
- No additional software or driver required.Support various functions, including answering, dialing, call rejection and terminating.Intelligent voice dialing to ensure total handsfree.
- BQB approved.



ACT-BF6000 BLUETOOTH / FLASH 2-IN-1 ADAPTOR

- 2-In-1 Bluetooth /Flash Combo Unit
- Bluetooth Specification V.1.1 compliant
- Chipset solution : CSR
- 4dBm Output Power ;Support Class 2Working distance upto 50 metersS/W vendor :Widcomm BTW 1.4
- Supports Windows 98SE, Windows ME, Windows 2000, Windows XP
- Compliant with USB spec.1.1 full speed

WLAN Devices



ACT-WF8000U 2-IN-1 WLAN/IrDA COMBO ADAPTOR

- The only 2-In-1 combo that supports both the WLAN and the IrDA features.
- WLAN fully comply with 802.11b or 802.11g.
- IrDA fully comply with IrDA specification 1.1 (max. 4Mbps.).Obtain power from USB, no additional power source required.Works easily with Windows 98SE / ME / 2000 / XP.True PNP (Plug & Play) device and hot insertion capability.Dimension : 95mm (L) X 38mm (W) X 17mm (H)

NEW!

Trust Your View, Trust Our Quality!





SPECIFICATIONS

	IR2000UL / IR-Jack	IR220L+ / IR320L	IR220LR
Compatibility	USB 1.1 / IrDA 1.1	IrDA 1.0 / None IrDA	IrDA 1.0
Speed & Distance	IrDA-1.0 * R1 IrDA-1.1 * R2 3cm~100cm	IrDA-1.0 / Max.38.4bps. Programmable 0~200cm / Max. 15m	IrDA-1.0 Programmable 0~100cm
Connection	USB Connector With extendable IrDA standard cable	Integral 120cm cable with DB9 connector Female / Male	Integral 4 ft CAT-5 cable with RJ45 (M) connector.
Power Source	From USB Port * R3	From RS232 Port / AC Adaptor	From RS232 Port
Power Consumption	Active <400mA Stand by <0.5mA	0.30W (Peak)	0.30W (Peak)
Dimension	(61 X 35 X 18)mm / (47 X 18 X 9)mm	(62 X 36 X 19)mm	Top Portion : (97 X 53 X 32)mm Bottom Portion : (87 X 93 X 32)mm
Weight	65.0gm / 6.0gm (w/o cable)	77.2gm	487gm
Operating Temp.	0 ~ 60°C	0 ~ 40°C	-40 ~ 70°C
Storage Temp.	-20 ~ 85°C	-20 ~ 85°C	
Ruggedness		Pass Drop Test / Direct Hit Test / Water Proof Test	

*R = Refer details from remarks

	IR100S Series	IR100M	IR3000M
Compatibility	IrDA 1.0	IrDA 1.0	IrDA 1.0 / IrDA 1.1
Speed & Distance	IrDA 1.0 Within 100cm	IrDA 1.0 0 ~ 100cm	IrDA 1.0 / IrDA 1.1 0 ~ 100cm
Connection	Cable 120m DB-9M (DTE) DB-9F (DCE)	Connect PC to printer with standard printer cable and an IR wireless printing path.	Integral DB9F connector
Power Source	5VDC (Stable) or 7.5VDC (AC adaptor) inside +VE	AC adaptor (ACT3-128)	4 X 4A battery or AC Adaptor (Optional)
Power Consumption	Active <80mA	0.3W (Peak)	Active 158mA Stand-by 84mA Power Down 11uA
Dimension	(61 X 35 X 18)mm	(102 X 54 X 23)mm	(91 X 95 X 32)mm
Weight	65gm	184.4gm	175gm (with battery)
Operating Temp.	0 ~ 60°C	0 ~ 60°C	0 ~ 60°C
Storage Temp.	-20 ~ 85°C	-20 ~ 85°C	-20 ~ 85°C
Built-in Software		Printer Flow Control * R4	
Optional			* R5

*R = Refer details from remarks



	BT5000U / BT5100US	BT5800	BT5900US
Compatibility	Bluetooth ver. 1.1	Bluetooth ver. 1.1	Bluetooth ver. 1.1
Speed & Distance	Version 1.1 <50m / ±100m	Version 1.1 ±30m	Version 1.1 ±30m
Frequency Range	2.402 ~ 2.4835GHz	2.402 ~ 2.4835GHz	2.402 ~ 2.4835GHz
TX Power (Typical)	4 dbm max.	4 dbm max.	20 dbm max.
RX Sensitivity	-86 dbm (Typical)	-80dbm (Typical)	-80dbm minimum
Modulation	GFSK	GFSK	GFSK
Channel Spacing	1MHz	1MHz (79 channels)	1MHz (79~15 Ch)
Data Transfer Rate	1.0Mbps. (Max)	up to 115.2Kbps.	1.0Mbps. (Max)
Connection	USB version 1.1	Parallel Port	USB version 1.1
Power Source	From USB Port	From LPT Port	From USB Port
Input Voltage	DC 3.3V	DC 6.0V	DC 4.5V
Power Class	Class 2 / Class 1	Class 2	Class 1
Dimension	(51.3x18.8x 8.5)mm	(79 X 54 X 28)mm	(72 X 38 X 17)mm
Weight	±7.0gm	±40.0gm	±25.0gm
Operating Temp.	0 ~ 50°C	0 ~ 40°C	-40 ~ 70°C
Storage Temp.	-20 ~ 85°C	-20 ~ 85°C	-20 ~ 85°C
Humidity	10 ~ 90% (non-condensing)	10 ~ 90% (non-condensing)	10 ~ 90% (non-condensing)

***R = Refer details from remarks**

● REMARKS

- * **R1** : 9.6, 19.2, 38.4, 57.6, 115.2kbps (SIR)
- * **R2** : 4Mbps (FIR)
- * **R3** : Comes with 4ft. USB Cable.
- * **R4** : IrDA protocol software necessary for secondary station communication.
- * **R5** : PC software to configure and customize IrDA test
 PC software to control IR3000M interactively
 FIR driver support for many IrDA notebook models
 Simplified IrDA stacks for many other device types