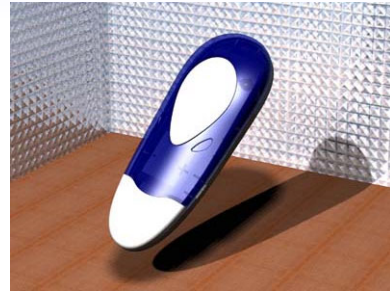


ACTiSYS WiFIR Adaptor

The world only 2-In-1 Combo that provides both the WPAN and the WLAN solutions

ACT-WF8000U

2-In-1 Combo of WLAN and IrDA



Wi-Fi™ WLAN –
Wireless Local Area Network

IrReady WPAN –
Wireless Personal Area Network



Features :

- The only 2-in-1 combo that supports both the WLAN and the IrDA features
- WLAN fully compliant with 802.11b or 802.11g.
- IrDA fully compliant with IrDA specification 1.1 (max. baud rate 4Mbps.)
- Simply attaches to PC's USB port and gives user the wireless data transfer for data logging, synchronization, file transfer, back-up, printing or network access.
- Takes advantages of the time plug-n-play feature and the high bandwidth (12 Mbps) of USB specification.
- True PNP (Plug and Play) device and hot insertion capability.
- Obtain power from USB, no external power supply required.
- Work easily with Windows 98SE / ME / 2000 / XP

ACT-WF8000U

The Leading Expert and the Total Solution for Wireless Connectivity !



ACTiSYS



SPECIFICATIONS

ACT-WF8000U WiFIR COMBO

IrDA:

Compatibility : Fully compliant to USB specification 1.1 and IrDA specification 1.1

Data Rate / Distance : IrDA-1.0 (9.6~115.2kbps.) / IrDA-1.1 (4Mbps.) / 3cm~100cm

Host OS : Win98SE / ME / 2000 / XP

Power Consumption : Active current: < 400 mA, standby current: < 0.5 mA

Power Source : Obtains power from USB port. No external power supply required

Operating / Storage Humidity : 85% / 65% ~ 95%

Operating / Storage Temperature : (0 to +55) °C / (-20 to +70) °C

WLAN:

Compatibility : IEEE 802.11b (Optional 802.11g)

Host OS : Win98SE / ME / 2000 / XP / Linux

Operating / Storage Temperature : (0 to +55) °C / (-20 to +70) °C

Media Access Protocol : CSMA / CA with ACK

Network Protocol : TCP/IP, IPX, NetBEUI

Network Type : Infrastructure / Ad-Hoc / Pseudo IBSS

Frequency Range : 2.400~2.4835 GHz (Direct Sequence Spread Spectrum – DSSS)

Power Consumption : Min 240mA, Max 380mA

Spreading : 11-chip Barker Sequence

Receive Sensitivity : Nominal Temp Range of 11 Mbps 10⁻⁵ BER@-80dBm

Security : 64/128-bit WEP Encryption

Dimension / Weight : 95mm(L) X 38mm(W) X17mm(H) / 28gm

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