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ACT-IR8250SW

Firmware download & configuration program

for IR8250PEK User's Manual





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Revision History			
Revision	Date	Comment	
Rev. 0.01	03/08/2004	Preliminary Design Specification for internal review.	
Rev. 0.10	03/22/2004	Add uninstall procedure.	
Rev. 0.11	04/01/2004	Correct IR8250PEK photos.	
Rev. 0.12	04/09/2004	Only one typo corrected in the cover page.	

The package includes:

- 1) IR8250SW.exe: Installer-v1.10-040422, and IR8250SW-v0.11-040402
- 2) IR8250SW Manual-v0.12-040409,
- 3) Two firmware files,
- 4) One config file.

Please run the setup program, those files will be installed into Windows "Programs":

You can read the User's Manual by click

"Start"==>"Programs"==>"ACTiSYS"==>"ACT-IR8250SW".

INSTALLATION FOR ACT-IR8250SW

Following is the installation instruction for ACTiSYS ACT-IR8250SW under Windows 2000.

Note: This program supports Windows 98/Me/2000/NT/XP.

 Click on IR8250SW_Setup.exe to execute InstallShield Wizard. Click Next to continue.



2. Please Select "Typical"

(Recommend) Click Next button.

InstallShield Wizard	×
Setup Type Select the Setu	ip Type to install.
Click the type o	f Setup you prefer, then click Next.
	Program will be installed with the most common options. Recommended for most users.
C Compact	Program will be installed with minimum required options.
C Cystom	You may choose the options you want to install. Recommended for advanced users.
InstallShield	< <u>B</u> ack <u>N</u> ext > Cancel

3. Click **OK** to complete the installation.



UNINSTALLATION FOR ACT-IR8250SW

Following is the un-installation instruction for ACTiSYS ACT-IR8250SW software under Windows 2000.

1. Open the Control Panel and select Add/Remove Programs.



 Select IR8250SW from the list. Click Add/Remove to execute the uninstall process.

Add/Remo	ove Programs Properties	? ×
Install/Un	install Windows Setup Startup Disk	
₽	To install a new program from a floppy disk or CD-RO drive, click Install.	М
	Install	
3	The following software can be automatically removed Windows. To remove a program or to modify its instal components, select it from the list and click Add/Remove.	i by lled
IR825 SiS Mu	0SW Itimedia V1.26	
	Add/ <u>R</u> emove	
	OK Cancel Ap	ply

3. Select "**Remove**" and click **Next** button.





4. Click **Yes** to uninstall the **IR8250SW** software.

Confirm Uninstall
Do you want to completely remove the selected application and all of its components?
Yes No

APPLICATION GUIDE

Main Window Layout



Setup function configuration

Set the current	🎇 Setup 🔀			
configuration of	Host Interface Setup			
IR8250 host	Baud Rate: PnP Compatible			
interface.	9600 PDA/Palmtop			
	Parity: Computer	Select IrLMP Hint		
Specify a		Bits to describe		
Nickname of	Data Bits: 🗖 Fax	your device		
	8-bit Lan Access	application.		
	Stop Bits:	Ex. Printer,		
The user string	One stop bit	Modem etc.		
will be used,		\ \		
when each IrDA	Character Set Code	Somo IrDA otook		
device	ASCI	Some II DA Slack		
discovered.	Nickname (Max Length 23 characters)	will get these to		
	ACT-IR8250P	verify and display		
		an icon.		
Specify a Device	Device Name (Max. Length 23 characters)			
Name of IR8250.	IR8250P IrDA Dongle			
The user string	Class Name (May Length 23 characters)	Save the current		
will be used	IrDA:IrCOMM			
when IR8250 get	settings and close			
a "Device Name"		Setup window.		
inquire				
IIIYull 6.				

For Microsoft IR Socket.

You can specify a "Class Name" for your application program usage. Note: (Not all of the firmware version support this parameter.)

Using IR8250SW

This tutorial illustrates how you may use the IR8250SW to download a firmware and change the config settings.

Before reading this chapter you should:

- Have installed the IR8250SW software, as described in the chapter *Installation for ACT-IR8250SW*.
- Setup the *IR8250P evaluation kit*, as described in the IR8250P Specification.
- Make sure that the AC adaptor (P1) and RS-232 cable (J2) has been connected correctly.



1. Click

Starts→Programs→ACTiSYS→IR8250SW to run the IR8250SW software.

🇱 IR8250S W	
<u>File</u> <u>S</u> etup	<u>H</u> elp
Status	
Download Progress	Download Abort
	🗖 Config D/L 🔲 Firmware D/L

P.S: If an Error message displayed as below, which means the COM port resource has been held for other device. Please select Setup→COM Port Setup to change COM port.

🎊 Error	×
Unable to open the p	port
OK	

🎊 IR	8250SW	
File	Setup	<u>H</u> elp
_ St	Firmware Download	
Г	Config Download	
	Config Setup	
	COM Port Setup 🔸	COM1
		COM2
		COM3 hS
		COM4
		_
		Download Abort
_Do		
	wilload Progress	
	Seq.:	Unknown COM Port
		🗖 Config D/L 🔲 Firmware D/L

Click the File → Open Firmware
 File to open the "File Browser
 Dialog Box ".

🗯 IR8250SW
File Setup Help
Open Firmware File
Exit
Download Abort
Seq.: Serial port: COM1

 Choose the firmware file (*.bin), click **OK** button to load the firmware.

🗱 Open				N		<u>? ×</u>
Information ():	🔁 FW		*	+ 0 0	-	
History History Desk Top My Documents	vla.bin					
ing company	File Name 00:	10 bin		*	08	0
	TAbe (D):	Furnware Files (* BDI)		*	Ca	ncel

 Click the Setup on the tools bar and Enable Firmware Download function.

IR8250SW - [v10.bin] File Setup	_□× <u>H</u> elp
St V Firmware Download Config Download Config Setup COM Port Setup	
Download Progress	Download Abort Download Serial port: CDM1 Config D/L Firmware D/L

 5. Click Setup→Config Setup (Refer to Page# 10. Config Setup Window Explain.) to set the Device name and IR8250 chips information for your application.

🎊 IR8250SW - [v10.bin]	
<u>File</u> <u>S</u> etup	<u>H</u> elp
St V Firmware Download Config Download Config Setup COM Port Setup	
	Dawplaad Ahart
Download Progress	
Seq.:	Serial port: COM1
	🗖 Config D/L 🛛 Firmware D/L

 Click the Setup on the tools bar and Enable Config Download function.

IR8250SW - [v10.bin] File Setup	× <u>H</u> elp
St Firmware Download Config Download Config Setup COM Port Setup	
Download Progress	Download Abort
Seq.:	Serial port: COM1

 Click **Download** button to download the **Config setup value** and update firmware to your IR8250 chips

∰IR8250SW - [v10.bin] File Setup	× Help
Status	
	T
Download Progress	Download Abort
Seq.: 51	Serial port: COM1

 Please remove J10, wait a second, and restore J10 of IR82x0PEK board. After that, click **OK** to start download.



Correct JUMPER setting for Download

9. When you see the "Download completed!" message which means you have successful updated the firmware.

If you do not remove and restore J10 at step 8 correctly, or you click the "Abort" button, or anything to stop the download progress, you will get the Error message shown on the right side.

If this is the case, you will have to check the IR8250SW settings, COM port, AC adaptor, firmware files or IR82x0PEK board. If all right, click the **Download** button again for complete download progress.





Important Notice

WARRANTY INFORMATION

ACTISYS Corporation warrants to the first consumer purchaser, for a period of 1 year from the date of purchase, that this wireless interface (The Product? Will be free from defective workmanship and materials, and agrees that it will, at its option, either repair the defect or replace the defective Product or part thereof at no charge to the purchaser for parts or for labor.

This warranty does not apply to any appearance items of the Product, any consumable items such as paper, ink ribbon, or batteries supplied with the Product, or to any equipment or any hardware, software, firmware, or peripheral other than the Product. This warranty does not apply to any Product the exterior of which has been damaged or defected, which has been subjected to misuse, abnormal service or handling, or which has been altered or modified in design, construction or interfacing. Tampering With Label Voids Warranty.

In order to enforce the rights under this limited warranty, the purchaser should mail, ship, or carry the Product, together with proof of purchase, to ACTiSYS.

The limited warranty described above is in addition to whatever implied warranties may be granted to purchasers by law. To the extent permitted by applicable law, ALL IMPLIED WARRANTIES INCLUDING THE WARRANTIES OF MERCHANT ABILITY AND FITNESS FOR USE ARE LIMITED TO A PERIOD OF 1 YEAR FROM THE DATE OF PURCHASE. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

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CONTACT INFORMATION



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