# **Virtual CE Pro**

Quick Start Manual [Version 4.0]



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#### **Basic Overview**

Virtual CE is composed of two main components: The server which runs on the target (CE) device and the client software which runs on a Desktop PC. Once a connection is established between the client and server (initiated by the client), the client will periodically send requests for screen updates and send mouse/key click information to the server to simulate.

Each video frame is inter-compressed against the previous frame and then intra-compressed with a modified LZW scheme to minimize the amount of data transmitted from server to client.

#### **Main Features**

- Save compressed AVI files
- > Rotate the display to any angle in 90 degree increments.
- Screen captures saved to either BMP, GIF or JPG.
- > Copy clipboard contents to CE and back to PC.
- Rapid data entry from your more comfortable PC mouse and keyboard.
- 1-18 frames per second capture speed (depending on device and communication conduit).
- Support for direct IRDA, Serial, USB, ethernet or ActiveSync communications.
- Minimal impact on target device CPU while capturing.
- Auto-discovery of the target device on a LAN.
- ➢ Works across the internet.
- Capture screen shots to a BMP file or the clipboard.
- Supports 2 + 4-bit monochrome and 8 + 16-bit color displays.
- Scale image 1-3X.
- Multiple instances of VCE can run on the same PC allowing multiple devices to be controlled simultaneously.
- Custom 'skinnable' window sample skins for iPAQ, Casio EM500 & Jornada 5xx included.
- > One-click capture of screen shots to BMP files with auto-naming.
- Capture session to a standard AVI file for distribution.
- Capture session keys/clicks for later playback.
- Toggle toolbar display.
- Toggle 'always-on-top' window feature.
- > Paste text from the PC clipboard to the CE device.

#### There are several enhanced functions etc. file explorer, image capture, soft reset. Enjoy it!!

#### How to start VCE Pro 4.0

Step 1:Copy v\_remote.exe to \CompactFlash\VCE in WinCon.

Step 2:Execute v\_remote.exe in WinCon and configure it as below then click OK. After setting password, don't forget to press "Save an Reboot" button in WinCon Utility.

File Help	×
Virtual CE 4	
Connected	
LAN Ready	
Primary IP = 10.0.0.72	
LAN Video=GDI COM Port: COMI: Require a password for LAN Password: sophia OK	
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Start V. Virtual CE	🏸 🕹 🍠 11:43 AM 🛛 🚱

Step 3:Execute VCE\_Pro.exe on Desktop PC to install Virtual CE Pro Client.

Step 4:Select "Virtual CE Pro Client" from [Start]->[DAQPro]->[VCE\_Pro] or execute "C:\DAQPro\VCE\_Pro\v\_ppc.exe"

1		CE Pro	12.1		
<u>File</u> Conne	ction Win		elp		
	Co	onnect	· · · · · · · · · · · · · · · · · · ·		
Name		Туре		Port	Status
WinCon8000	l:	LAN	(Auto	N/A	Idle
New	Deleti		Edit		onnect

Step 5:Configure some basic settings.

Refresh Rate 🛛 4 fps 🗌 🔾	Scale 1x 🔿
Show Skin Skin:	0
0 16-color mode (reduces data	by 50%)
Queue events (reduces LAN	traffic)
Accept inbound connections	: on port: 1901
Screen Capture	
🔵 File 🔿 Clipboard	O One Click
Image file format (one click)	BMP
Recording Method	
Script events ○ AVI vie	deo 🛛 🔘 Show Cursor
1	Software_Win Browse
Script Dir. D:\ICPDAS資料\S	JOILAAGIC AAILL SAUWES

Step 6:Create a new connection.

	Edit Connection	(
Name:	WinCon8000	Window Background Color
Connection Type:	LAN (Auto Discovery)	Change
Target IP Address:	10 . 0 . 0 . 72	O Open Maximized
Port: 0	Refresh Rate: 4 fps 🔿	O Automatically connect at startup
Skin:	🔘 Scale: 🛛 🛛 🔿	O Low color mode
Screen Capture		O Queue Events
O File O Cl Image file format (c	ipboard 💿 One Click one click): BMP	
Recording Method		OK

Step 7:Press "Connet" button. VCE will automatically discovery the available device within the LAN.

Select one or more of	levices to connect to
Device Name	IP Address
ICPDAS Device	10.0.0.80
WindowsCE	10.0.072
< <u>(</u>	>

Step 8:Enter your password and press "OK" button.

Password Required
The selected device requires a password; please enter it in the space below.
XXXXXX
Hide Password
OK. Cancel

Step 9:After that, you will see the screen of target device.

9	WinCon8000 - ICPDAS Device	
File Edit Tools Yiew Help		)
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File Help		×
	Virtual CE 4	
	Connected	
	LAN Ready	
	Primary IP = 10.0.0.72	
	Video=GDI	
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