

Software Updates for the iScan VP30

The iScan VP30 software can be updated using a PC with a serial port or a USB port (with a USB-to-Serial adapter). We recommend a serial port terminal program called Tera Term Pro (Version 2.3) that we provide for download on our website.

To verify which software version is loaded into your iScan VP30, press the 'Info' button on the top of the remote control. A window should pop up with the input and output status. At the top of this window you should see which software version is loaded in your unit (example: iScan VP30 – v1.00).

Instructions for loading the iScan VP30 software updates:

Please note that you may lose your previous settings when you upgrade your software. We advise that you write them down before starting the update.

The update process is described below.

1) Hardware setup

- What you will need:
 - o iScan VP30 with Power Supply
 - DB9 Male to Female extension (1:1) Serial Cable
 - Serial-to-USB Adapter (if your using a USB port to the update)
- The serial connection can be made either before or after your iScan has been installed
- Connect Serial Port cable between PC and iScan VP30



• Turn the PC and iScan VP30 on

2) Download needed software (see www.dvdo.com/update/update-vp30.php)

- Download tera_term.exe
- Download the selected software release (.abt file)



3) Install Tera Term Pro on the PC

• Double click on 'tera_term.exe'

WinZip Self-Extractor - tera_term.exe	×
To unzip all files in tera_term.exe to the specified folder press the Unzip button.	<u>U</u> nzip
Linzip to folder:	Run <u>W</u> inZip
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verwrite files without prompting	About
When <u>d</u> one unzipping open: setup.exe	<u>H</u> elp

• Click **'Unzip'** (this action upzips to a temporary folder)



• Click 'OK' (this starts the Tera Term Pro setup program)



• Select the preferred language and click 'Continue'.





• Click 'Continue' unless an old version of Tera Term Pro is currently running.

Tera Term Pro Setup	m Pro	
	Tera Term Pro Setup: Destination Path Image: Comparison of the path of the following directory. Path: Image: Comparison of the path	

• Click 'Continue' to install Tera Term Pro in the default Program directory.





• Close this window and click 'OK' to exit the setup program.

4) Setting up the PC

Make sure that no other program is using the serial port or USB port that's connected to the iScan VP30

- Run Tera Term Pro from the Program Menu
- Select 'Terminal' from the Setup Menu

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File	Edit	Setup	Control	Window	Help	
		Term	inal			*
		Wind	ow			
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		TCP/	IP			
		Gene	ral			
		Save	setun			
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			0.0 200g			
		Load	key map			
						*

• Change the 'Transmit' setting to 'CR+LF'



Tera Term: Terminal setup		×	
Terminal size 80 X 24 Term size = win size Auto window resize Terminal ID: VT100 V Answerback:	New-line Receive: CR Transmit: CR+LF CR CR+LF Local echo	OK Cancel Help TEK)	

- Click 'OK'
- Select 'Serial Port' from the 'Setup' menu

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File E	dit 🛛	Setup	Control	Window	Help	
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• Tera Term Pro has been configured to communicate directly with the iScan VP30 through the serial port COM1. See below. Select another COM port if the serial/USB cable is not connected to COM1.

Port:	COM1 -	ОК
Baud rate:	57600 -	
Data:	8 bit 🔹	Cancel
P <u>a</u> rity:	nonc -	
Stop:	1 bit 💌	Help
low control:	Xon/Xoff •	
-Transmit dela	ıy —	
0 mse	c/char 0 r	nsec/line



• Change the 'Flow Control' to 'Hardware'

🛄 Tera Term - [disconr	ected] ¥T				
File Edit Setup Contro	Tera Term: Serial port se	etup		<u>×</u>	
	Port:	COM1 -	ОК		
	Baud rate:	57600 💌			
	Data:	8 bit 💌	Cancel		
	Parity:	none 💌			
	Stop:	1 bit 💌	Help		
	Flow control:	Xon/Xoff 💌			
	Transmit delay	Xon/Xoff hardware none k/char 0 m	sec/line		

- Click **'OK'** the serial port setup is completed.
- Tera Term Pro is now ready to send the software file (.abt) to the iScan VP30.

5) Setting up the iScan VP30 for software update

Using On-Screen Display and Remote Control/Front Panel Controls

- Press the 'Menu' button
- Select Configuration -> Software Update -> Yes



- Confirm by pressing the 'Enter' button
- The Front Panel will show 'Load .abt file now.. '



6) Completing the update process

• On the Tera Term window, you will see the following message.

	Powered by ZIB
🛄 Tera Term - COM4 ¥T	
File Edit Setup Control Window Help	
ABT Bootloader powered by Anchor Bay Technologies, Inc. Version: 3.28	×
Please load the .abt file now	
	•

Important Note:

You can still cancel the download operation at this point. There are two ways to do this.

- Do nothing for about 5 minutes. After this time the iScan VP30 will revert back to normal operations with the current software.
- Unplug the power cord from the iScan VP30 and then plug it back in again. The iScan will revert back to normal operations with the current software.
- To update the system software select 'Send File' from the File menu.

🛄 Tera Term -	COM4 VT							
File Edit Setu	p Control	Window	Help					
New connection	on Alt+M	V						
Log								
Send file								
Transfer	Transfer 🕨							
Change direct	ory							
Print	Alt+F	>						
Disconnect								
Exit	Alt+0	2						



• Make sure **Binary** mode is selected.

Look in: 🗀 Software	- 🔁 🖻	* 📰 •	
🖬 VP30_1.00.abt			
ïle name:		Open	
		Cancel	
lies of type. [all	<u> </u>	Hala	

• Locate the **'.abt'** file to download. Only files with an '.abt' extension should be loaded. If any other file is loaded, an error will occur.

Note the file shown in the picture above is only an example, not the actual file.

Important: After this step it is not possible to go back to your current firmware version without reloading another '.abt' file.

- Click the 'Open' button to send the file
- Data is now being transferred to your iScan VP30. You should see **'Loading...'** on the bottom line on the Front Panel Display with a rotating bar. You will also see the download status on the PC.

Load	.abt	file	now
Loadi	n9		

• When the update is complete you will see the iScan VP30 reset itself.



- The download process may take up to 40 minutes to complete.
- You can verify that the download was successful by pressing the 'Info' button and comparing the software version listed above.

iScan	UP30 -	v1.02
DUDO	Powered	by ABT



Note the version shown in the picture above is only an example

Troubleshooting:

Baud Rate: Should be set to 57600 on both TeraTerm Pro and the iScan VP30

Flow Control on TeraTerm Pro should be set to 'Hardware'