HTS220R Total Station Firmware Updating

The updating need to use the Hyper Terminal, you can use the one attached to the computer OS, if there is no this tool please download from the internet.

Refer to the operation procedure below to finish the updating.

Go to **MEM.**, then **Soft Update**.



Enter the pin code 82543 and click the **ENT** key, then the instrument will be switched off.



Run the Hyper Terminal

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Enter a name to creat a connection, then click **OK**



The serial port is the one created for the communication between PC and

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Set the port according to the picture below, then click **OK**

F COM4 Properties					
Port Settings					
Bits per second:	115200 🛩				
Data bits:	8 🖌				
Parity:	None				
Stop bits:	1 👻				
Dem eested	News				
Flow control:	None				
	Restore Defa	ults			
	Cancel	Analu			
Disconnected 0	to detect . Outo detect	SCROLL	CAPS NUM	Capture	Print ech

Press the power key after finishing the above steps, then you will see some information appeared in the window. Just as the below picture.

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Connected 0:00:59 Auto detect 115200 8-N-1 SCROLL CAPS IN	ium capture militieulu

Click the numeral $\boldsymbol{1}$ on the PC keyboard to load the firmware to the instrument.

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Connected 0:00:59 Auto detect 11	5200 8-N-1 SCROL	L CAPS NUM Capture	Print echo		

After clicking numeral **1** on the PC keyboard there will be "CCCC_" in the window, then click **send file...** to select the firmware

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读出全站仪中的影像 2	
运行全站仪中的程序 3	
等待文件传输 (Ymoden) (敲击 'a' 退出) CCCCCCCCCC_	
Connected 0:01:22 Auto detect 115200 8-N-1 SCROLL CAPS NUM Capture Print echo	
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Capture Text = Send Text File. // // 迅威光电科技有限公司	=
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下载影像文件到全站仪1	
读出全站仪中的影像 2	
运行全站仪中的程序 3	
等待文件传输(Ymoden)(敲击'a'退出) CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	222222222222222222222222222222222222222

Select the firmware file, then choose *Ymodem* for Protocol. Confirm after

finishing setting, then there will be a prograss window appeared.

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Elle Edit View Çalı Transfer Help	
读出全站仪中的影像 ■ Send File ?区	
运行全站仪中的程序 Folder: C:\Documents and Settings\user\Desktop	
E	
>请选择正确的命 Protocot ============= 请洗 Zmodem with Cash Recovery ✓	
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等待文件传输(Ymoden)(敲击'a'退出) CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	~
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	清选择 ====================================	1
下载影像文件到全动	Ymodem file send for zhd	
读出全站仪中的影像	Sending: C:\Documents and Settings\user\Desktop\ZTS320ENV3.3.bin	
运行全站仪中的程序	Packet: 0 Error checking: CRC File size: 373K	
	Retries: 0 Total retries: 0 Files: 1 of 1	
>请选择正确	Last error:	
下楼影做文件刻合	File: 0K of 373K	
下報影像又什到主要	Elapsed: 00:00:01 Remaining. Throughput	
运行全站仪中的程序		
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等待文件传输(Ymode	n)(敲击 'a' 退出)	
	20000000000000000000000000000000000000	
Connected 0:05:43 Auto detect		⊥ <mark>~</mark>

Ymodem	file send for zhd
Sending:	C:\Documents and Settings\user\Desktop\ZTS320ENV3.3.bin
Packet:	189 Error checking: CRC File size: 373K
Retries:	0 Total retries: 0 Files: 1 of 1
Last error:	
	1004 -6 3704
File:	182K 0F 37 3K
Elapsed:	00:00:31 Remaining: 00:00:32 Throughput: 6011 cps
	Cancel <u>c</u> ps/bps

You will see the below interface when the installation is finished, click numeral **3** in the PC keyboard to run the program in total station, and the total station will be switched on automatically.

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Eile Edit View Call Transfer Help
等待文件传输(Ymoden)(敲击'a'退出) CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
编程已成功!
文件名: ZT\$320ENV3.3.bin 大小: 381504 字节
====== 请选择 =============================
下载影像文件到全站仪1
读出全站仪中的影像 2
运行全站仪中的程序 3
Connected 0:06:52 Auto detect 115200 8-N-1 SCROLL CAPS NUM Capture Print echo

Until now the whole procedure is finished.