

How to upload a firmware on Stonex Total Station



Before starting this procedure, empty the instrument memory, saving all your jobs in a local storage: your previous surveys, will be lost!

- Power off your total station.
- Connect the RS 232C port cable from your PC to total station.

INFO ABOUT THE CABLE It features a standard DB9 female connector to a 6-Pin Mini-Din male connector Stonex P\N: <u>30-350521</u> - Cable FW update RS232 DB9 for Stonex TS RXX (FC-TS1) Or:

Stonex P\N: <u>30-350522</u> - Cable FW update RS232 USB for Stonex TS RXX (FC-TS2)

• Double click on the .exe file of the Firmware.

The following window is opened:

| 🕱 Tutorial of firmware update | | -42 | Х |
|------------------------------------------|------|-----|---|
| Upgrading via serial port Port COM1 💌 | | | |
| Process | | | |
| STONEX EUROPE SRL, | | | |
| Start | Exit | | |



• Select the Port you use to transfer data. In the case your computer is provided with RS232 serial port exit, select "COM1"; otherwise try with other ports until the connection starts.

Press "Start" button.

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|-----------------------------|-------------------------------------------------------------------------------------------|------|----------|
| Upgradin Port Process | g via serial port COM1 COM2 COM3 COM4 COM5 COM6 COM6 COM7 COM8 | | |
| | STONEX EUROPE SRL, | | |
| | Start | Exit | |

• Once "Ready for update" appears on the display, switch on the total station.

| Tutorial of firmware update | _9 | × |
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| Upgrading via serial port Port COM1 💌 | | |
| Process Ready for update | | |
| STONEX EUROPE SRL, | | |
| <u>Exit</u> | | |
| | | |



• Wait for few seconds before the connection starts.

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|----------------------------------------|--------------|---|
| Upgrading via serial port Port COM1 | | |
| Process Wait for link | | |
| STONEX EUROPE SRL, | | |
| Exit | | |

• Then, the transferring process starts.

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| Upgrading via serial port Port COM1 💌 | | |
| Process 23 % | | |
| STONEX EUROPE SRL. | | |
| <u>Exit</u> | | |



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| Upgrading via serial port Port COM1 💌 | | |
| Process 100 % Upgrading success | | |
| STONEX EUROPE SRL, | | |
| (Upgrading) Exit |] | |

- Disconnect the cable.
- Switch off the total station
- Press F4+POWER to initialize the memory of the instrument.