

Training on Fingerprint Communication & Setting

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Access Control Software

- Download records from fingerprint reader regularly.
- Upload and download user's information.
- Manage user's privileges.
- Monitor in-and-out state with machines connected with network.
- Operator sets up the system to ensure security.
- Control machine remotely, initializing machine and operating machine synchronously.

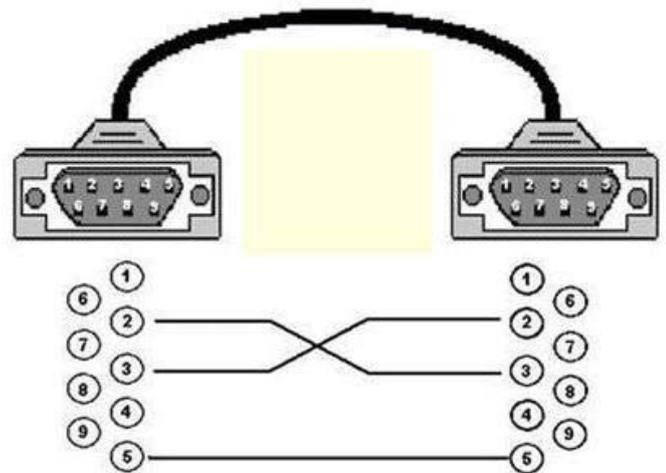
Equipment Connection

- RS 232 Connection
- RS 485 Connection
- Ethernet Connection
- USB Connection

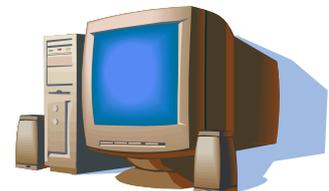
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RS 232



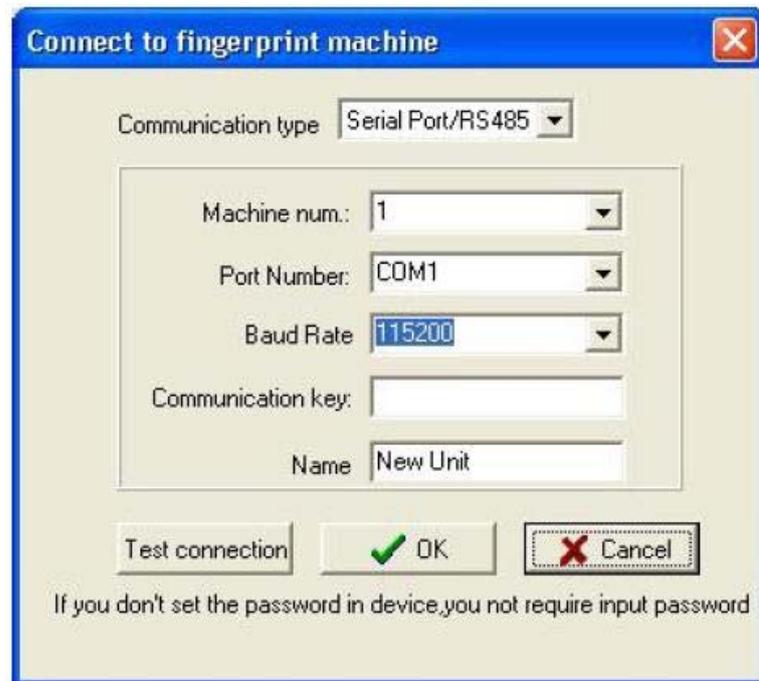
RS232 Cable



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RS 232 Terminal Setting



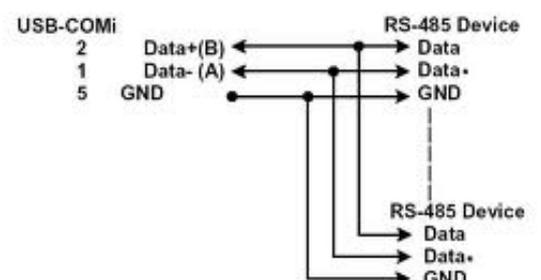
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RS 485



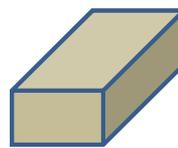
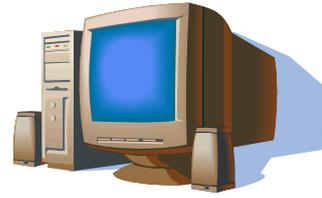
RS-485 Signal Wiring



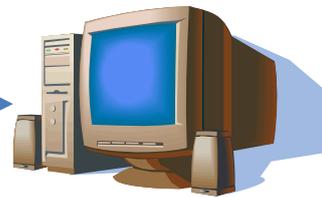
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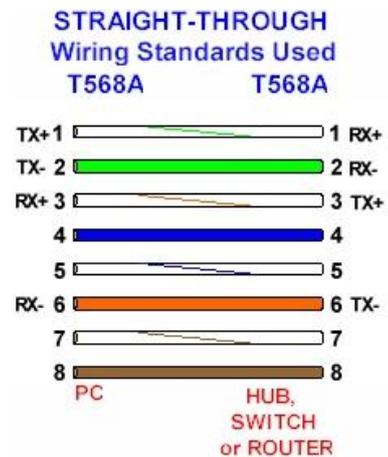
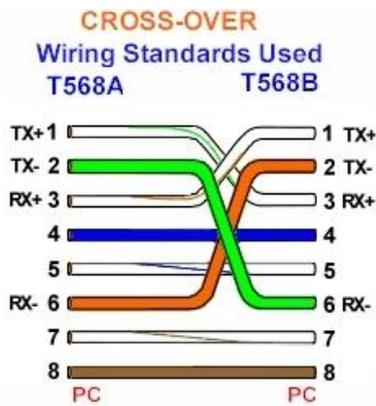
Ethernet



Ethernet HUB



Ethernet Cable



Ethernet Access Control Setting



The image shows a Windows-style dialog box titled "Connect to fingerprint machine". It has a blue title bar with a close button (X) in the top right corner. The main area is light beige and contains the following fields and controls:

- "Communication type" dropdown menu set to "Ethernet".
- "IP address" text box containing "192 . 168 . 1 . 201".
- "Port" text box containing "4370".
- "Communication key" empty text box.
- "Name" text box containing "New Unit".
- Three buttons at the bottom: "Test connection", "OK" (with a green checkmark), and "Cancel" (with a red X).
- A note at the bottom: "If you don't set the password in device,you not require input password".

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References

1. Davide Maltoni, Dario Maio, Anil K. Jain, and Salil Prabhakar (editors), *Handbook of Fingerprint Recognition*, 2nd edition, Springer-Verlag, London, 2009.
2. Stan Z. Li and Anil K. Jain (editors), *Handbook of Face Recognition*, Springer, 2005.
3. Frank Y. Shih, *Image processing and pattern recognition : fundamentals and techniques*, IEEE & John Wiley & Sons, 2010.

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