

BioTag - Fingerprint System

In the software program: You can manage different fingers to activate different relays. If you want that - then you have also to choose PID (Wiegand number). It is in the enrollment. The Wiegand number can be chosen by change. The Wiegand number is also for integration into a bigger Access Control System where the users normally have a card with a number - then you can key in that number to be registered in the same way for using the fingerprint.



Networking: PC Interface (PCI 3000) Art. No.: 460184

The fingerprint readers are able to work in a network - on the RS485 BUS (blue and orange color). To get in touch to each reader from the PC you need the PC Interface (Art. No.: 460184) Art. No.: 460184: PCI 3000 (PC Interface from RS485 to RS232).

It includes a cable to the PC and there are 4 terminals:

	Power	Power	485 communication	485 communication
PC Interface*	+	-	X-	X+
4-Relay Module	12 V	0 V	A	B
Cable color	Red	Black	Orange	Blue

*The PC Interface / 4 relay module can also be connected through the RJ 12 adapter in the assembly box CVT2/CVT3

The fingerprint readers has to be wired in a line (blue - blue and orange - orange in parallel).
The PC Interface can be wired in the end of the BUS with the color shown.



The 4-Relay Module: (FP 4-Relay Box) Art. No.: 460186

This relay module enables you to control up to 4 relays using 4 or more distinct fingerprints. This module is ideal for a small and safe network system with our BioTag Office Fingerprint readers (Art. No.: 460194).

In a network:

The module can be connected to PC Interface 3000 (Art. No.: 460184) and all data is sent through the standard serial RS485 bus. The module have 2 modes.

N-factor Authentication:

The first mode is "N-factor authentication" which means, that you can use 2-4 fingers to increase the assurance that the user has been authorized to access secure areas or systems (4 eyes principle security).

MAP Fingerprint Authentication:

The second mode is "MAP Fingerprint", which is for the output time after a finger has been enrolled, this system is divided in 3 options; output time for 5 seconds, 30 seconds and a toggle, these options can be set by using the ID numbers.