

ONLine Access

How to display the counter using MT-LCD and PROS CS

A050

1. Connect the display

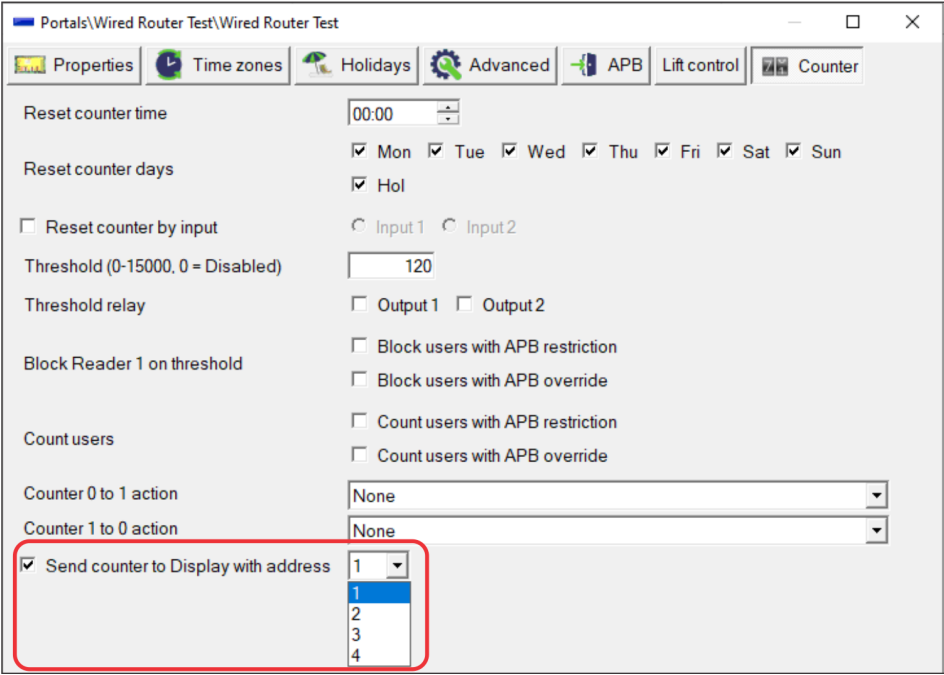
The diagram illustrates the wiring connections for the MT-LCD, OUT Reader, and IN Reader to the MT-1000 terminal block. The MT-1000 terminal block includes terminals for RS485 A/B, I/O COM, AC Denied LED, 12V out, GND, and Reader 1/2. The MT-LCD is connected to RS485 A/B and I/O COM. The OUT Reader is connected to 12V out and GND. The IN Reader is connected to Reader 1 and GND.

2. Set the address of MT-LCD display

The display must be given address in order to communicated with PROS CS software.

- Put an address to the display using the dip-switch (pos. 1 and 2). The addresses are given in the table.
- After address is selected by dip-switch, give the same address in the PROS CS software.

Go to Controller:right click/Properties/ Counter tab

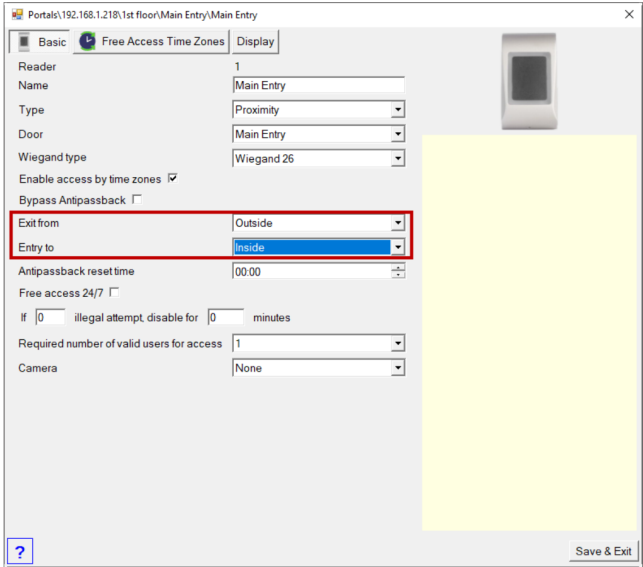
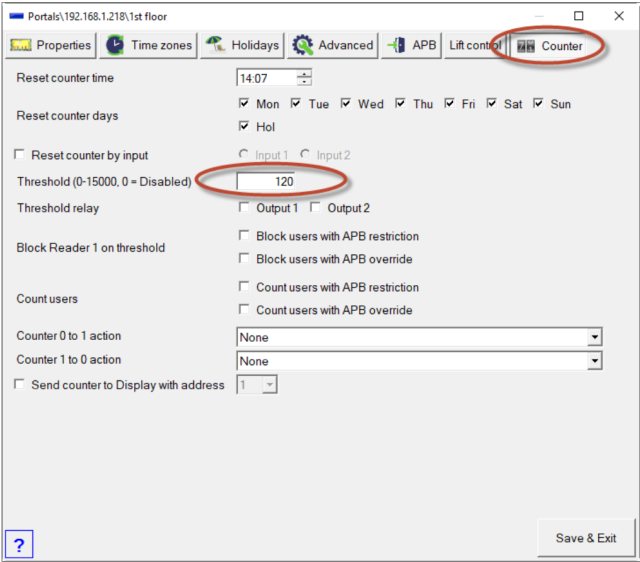


Address	Switch 1	Switch 2	DipSwitch
1	OFF	OFF	
2	OFF	ON	
3	ON	OFF	
4	ON	ON	

- 1.Address
- 2.Address
3. Not used
- 4.RS485 termination
-

3. Set up the limit of the counter and the trigger action for that limit.

Configure the counter in Controller:right click/Properties/ Counter tab. Then also set up the readers, where they are “entry to” and “exit from”.



Additionally, you can configure when the counter will reset and what action will be triggered after the limit is reached (apart from denying access).
Separate action can be made when the counter goes from 0 to 1 and vice versa for the use of the feature “first man in/last man out”.