Paxton

Genie WIP2FRTMTP

Overview

The Genie reader can be used with Net2 to permit or deny access based on the user's temperature and if required force the user to wear a facemask. When a temperature is detected outside of the set threshold the reader will notify the user that there is an abnormal temperature and deny access.
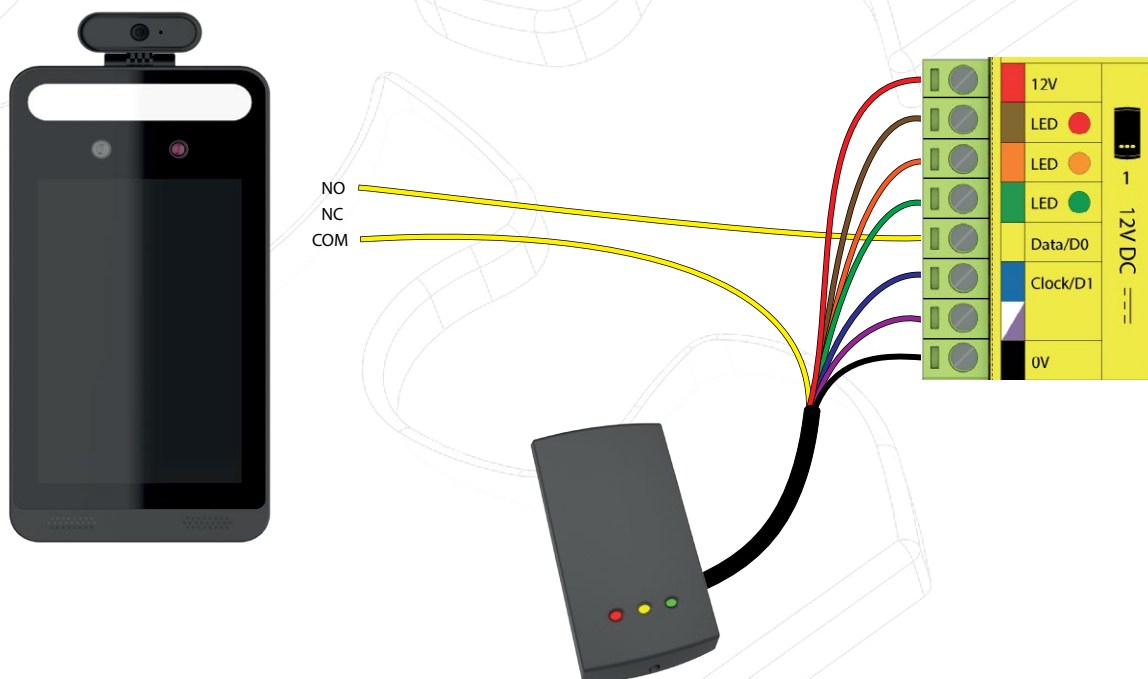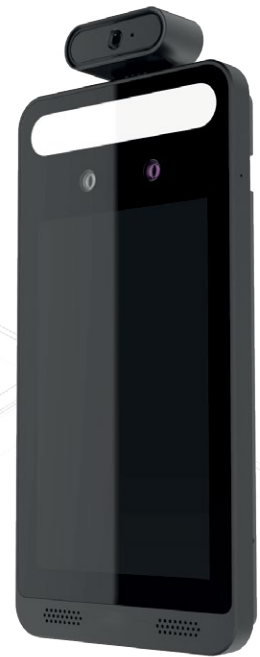
This application note will run through the following modes of operation:

• Temp/ Mask only
• Token (MIFARE® only) + Temp
• Face + Temp

Setting up Temp only mode

Out of the box, the Genie reader will permit access by firing the lock relay on the reader when it identifies a face record or a password is entered allowing access. To setup for Temp only mode see notes below for setting that need to be changed in the Genie reader menu.

Using this method, the Genie reader relay can be wired in line with a Paxton reader on the Yellow data port. This will prevent the Paxton reader from functioning until the user has passed the temperature check.

The default door lock delay on the Genie reader is 3 seconds. To allow sufficient time for the user to present their token to the Paxton reader, you may wish to increase this via the menu on the Genie reader.

Setting up modes: Token + Temp & Face + Temp

Connecting the reader to a Net2 Plus controller

There are two other main modes of operation; Token + Temp and Face + Temp (both options you can enforce the user to wear a mask as well). In both cases the Genie reader should be wired to the Net2 plus as shown in the diagram below:

Genie	ACU terminal
NOT USED	+12V
NOT USED	Red LED
NOT USED	Amber LED
NOT USED	Green LED
W0	Wiegand D0
W1	Wiegand D1
NOT USED	NOT USED
GND	0V

Ensure any unused wires are safely terminated.

Net2 ACU Settings

Configure the reader port settings for the ACU the reader has been connected to as shown in the screenshot below:

Genie Reader Required Settings

Once you have wired up the reader and setup the reader in Net2, the Genie reader will need to be configured. Using the instructions provided with the reader, update the following settings:

- Access Control Settings type - should be set in the menu, select your desired operating mode Access Control Settings->Door Opening Mode->Toggle "On" "Normal Temperature"/ "Mask" if required. Toggle "On/Off" "Face Mode" and "Password Mode" if functions required
- Temp settings - can be changed in the "System Setting" ->"Temperature Measurement" -> "Temperature Settings" over the range; "Access is denied"

*Users must be enrolled on both the Genie reader, and in Net2. Additional users will need to be added separately in each system.

If using with Wiegand option then you will need to enable Wiegand Out on the Genie reader. Access Control Settings-> Toggle "On""Wiegand Out"

Net2 ACU Settings

- Should a both a user's face and temperature be authenticated, but then denied access based on time zone permissions on the Net2 system, there will be no notification on the panel
- High temperature events cannot be sent from the Genie reader to Net2
- Temperature tolerance may need to be changed

For further information please visit the manufacturers website:
http://genieaccess.com/product/wip2frtmtp/

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