User manual BM-TDA

Infrared Thermometer with Access Controller

Basic specifications:

<table>
<thead>
<tr>
<th>Sensor</th>
<th>WTTS00</th>
<th>Display</th>
<th>Infrared LED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accurate</td>
<td>±0.2°C</td>
<td>Measuring time</td>
<td>&lt;0.5s</td>
</tr>
<tr>
<td>Working voltage</td>
<td>5V ~ 12V input</td>
<td>Working ambient temperature:</td>
<td>5°C ~ 32°C</td>
</tr>
<tr>
<td>Measuring distance</td>
<td>5~10cm</td>
<td>Temp measurement range:</td>
<td>35°C ~ 42.9°C</td>
</tr>
<tr>
<td>Internal relay</td>
<td>Yes</td>
<td>Wiegand input/output</td>
<td>Yes</td>
</tr>
<tr>
<td>Alarm</td>
<td>Yes(external available)</td>
<td>Certificates</td>
<td>CE/FCC/ROHS</td>
</tr>
<tr>
<td>Size</td>
<td>130<em>90</em>53mm</td>
<td>Weight</td>
<td>240g</td>
</tr>
<tr>
<td>Package</td>
<td>Neutral packaging</td>
<td>Installation</td>
<td>Wall mounted</td>
</tr>
</tbody>
</table>
Settings:

You are suggested to set to a new password before using the this device with administrator function

Administrator function: Long pressing key "M" for 6 seconds, displaying default password “0000”, Press Key "M" again to set the new passwords. Key "+/−" is for Increasing and decreasing the value, key “M” is for positioning (Notes: please make sure to remember the new passwords)

1. Alarm temperature setting: Press key “M” one time, the display will show 1. 37.5, meaning the default high temperature value is 37.5 ℃, press key “+/−” to adjust the target high temperature
2. Temperature compensation value setting: Press key “M” twice, the display will show 2. 0.0, press key “+/−” to adjust the value (adjust value unit is 0.1 ℃)
3. Alarm switch off setting: Press key “M” the third time, the display will show 3. ON, press key “+/−” to switch off or switch on the alarm
4. Interval time setting: Press key “M” the fourth time, the display will show 4. 5, key “+/−” to adjust value of interval time (interval time available between 3s ~ 90s)
5. Passwords change setting: Press key “M” the fifth time, the display will show 5. PC, key “+/−” to adjust value of passwords, Key “+/−” is for Increasing and decreasing the value, key “M” is for positioning (Notes: please make sure to remember the new passwords)
6. Exit setting: Press key “M” the sixth time to exit the setting

BM-TDA connection diagram
Connection descriptions:

Connection A (Wiegand input/output):

1. GND: GND input
2. D2 OUT: wiegand output
3. D2 IN: wiegand input
4. GND: GND input
5. DI OUT: wiegand output
6. D1 IN: wiegand input

Connection B (Standalone):

1. NO IN: Relay input
2. NO OUT: Relay output
3. GND: GND input
4. +12V: 12V power input

Connection C (External alarm):

1. BELL+: Alarm + 12V output
2. BELL-: Alarm - GND output
BM-TDA Access control Sketch Map connection A (Wiegand input/output)

BM-TDA Access control Sketch Map connection B (Standalone)