

Code: ASI7223X-A-T1

## ACCESS CONTROLLER WITH TEMPERATURE MEASUREMENT **ASI7223X-A-T1** - 1080p DAHUA

Access controller based on face recognition with body surface temperature measurement function.

A solution dedicated to measuring temperature. The camera is able to detect increased object temperature. It can be used for preliminary temperature control in places such as customs, airports, schools and hospitals. Face recognition with extended functionality allows you to determine whether the observed person has a protective mask and in the absence of a mask perform the appropriate action, e.g. trigger a voice message reminding to cover the face.



|                  |                     |
|------------------|---------------------|
| Sensor:          | 1/2.8 " CMOS        |
| Matrix size:     | 2.1 Mpx             |
| Scanning system: | Progressive         |
| Optical zoom:    | —                   |
| Resolution:      | 1920 x 1080 - 1080p |

### Auxiliary camera:

|              |             |
|--------------|-------------|
| Matrix size: | 120 x 90 px |
| View angle:  | 50 °        |
| Resolution:  | 120 x 90 px |

### General information:

|                                    |        |
|------------------------------------|--------|
| Standard:                          | TCP/IP |
| Range of IR illumination:          | 5 m    |
| White light LED illuminator range: | 5 m    |
| Temperature measurement:           | ✓      |

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| Temperature measurement range:       | 30 °C ... 50 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Accuracy of temperature measurement: | ± 0.1 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Face recognition distance:           | 0.3 m ... 1.8 m (max 100 000 faces in the database)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RFID proximity reader built-in:      | 13.56 MHz S50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Internal memory:                     | Support storage of 300 000 records                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Video output:                        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| RS-485 interface:                    | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| RS-232 interface:                    | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Wiegand interface:                   | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| USB:                                 | 2 x USB 2.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Memory card slot:                    | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Alarm inputs / outputs:              | 1 / 1 - Relay output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Audio:                               | Speaker built-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Network interface:                   | <ul style="list-style-type: none"> <li>• 1 x 10/100 Base-T (RJ-45)</li> <li>• 1 x 10/100/1000 Base-T (RJ-45)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Network protocols:                   | IPv4, RTSP, RTP, TCP, UDP, P2P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| WEB Server:                          | Built-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ONVIF:                               | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Default IP address:                  | 192.168.1.108                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Default admin user / password:       | admin / -<br>The administrator password should be set at the first start                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Web browser access ports:            | 80, 37777                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PC client access ports:              | 37777                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Main features:                       | <ul style="list-style-type: none"> <li>• Temperature measurement</li> <li>• Built-in LCD display showing the image from the video camera and the result of temperature measurement - 7 " capacitive touch screen, 1024 x 600 px</li> <li>• Identification modes : PIN, Proximity identifier 13.56 MHz S50, Face recognition, Any combination of the above</li> <li>• Wiegand 34/26</li> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• LED indication</li> <li>• Buzzer for acoustic signaling of some system events</li> <li>• AGC - Automatic Gain Control</li> <li>• Sharpness - sharper image outlines</li> <li>• Day/Night mode (color/b&amp;w/auto)</li> <li>• RESET button</li> <li>• AI detection : A solution dedicated to measuring temperature. The camera is able to detect increased object temperature</li> </ul> |
| Power supply:                        | 12 V DC / 2 A (power adapter included)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Power consumption:                   | ≤ 24 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Housing:                             | Aluminum + Tempered glass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Color:                               | Black + Silver                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Index of Protection": | —                                                                                                                                                             |
| Operation temp:        | <ul style="list-style-type: none"><li>• -10 °C ... 55 °C - without temperature measurement</li><li>• 15 °C ... 32 °C - with temperature measurement</li></ul> |
| Weight:                | 3 kg                                                                                                                                                          |
| Dimensions:            | 477 x 129 x 100 mm                                                                                                                                            |
| Montage hole diameter: | 37 mm                                                                                                                                                         |
| Supported languages:   | English                                                                                                                                                       |
| Manufacturer / Brand:  | DAHUA                                                                                                                                                         |
| Guarantee:             | <b>3 years</b>                                                                                                                                                |