

Help stop **COVID-19**  
with **PRISMA Thermal**  
camera

**STAY HOME  
& STAY SAFE**

This is for COVID time temperature  
measurement using Thermal and  
and Optic camera



High sensitivity thermal module with  
256 x 192 resolution

**Thermal & Optical  
Bi-spectrum Network  
Bullet Camera**

Model no.:  
PBT03L



## PRODUCT CATEGORIES



## Features

- High sensitivity thermal module with 256 x 192 resolution
- NETD is less than 60 mk (@25° C, F#=1.0)
- Supports contrast adjustment
- Leading thermal image processing technology: Adaptive
- AGC, DDE, 3D DNR Up to 15 palettes of adjustable color
- Reliable temperature-anomaly alarm Temperature Range
- From -15°C to +150°C High quality optical module with 2 MP resolution
- Bi-spectrum image fusion, picture-in-picture preview

## Specification

THERMAL	
Image Sensor	VOx Uncooled Focal Plane Arrays
Resolution	256×192
Pixel Interval	12μm
NETD	Less than 60 mK (@25°C, F#=1.1)
Aperture	F1.0
Field of View	35° × 27° (H × V)
OPTICAL	
Image Sensor	1/2.8" 2.0M Pixel CMOS
Resolution	1920×1080P
Min. Illumination	Color: 0.005Lux @ (F1.2, AGC ON), B/W: 0.001 Lux @ (F1.2, AGC ON)
Field of View	84° × 45° (H × V)
Focal Length	4mm
Shutter Speed	1s to 1/100,000s
White Balance	Auto/Manual/ATW (Auto-tracking White Balance) /Indoor/Outdoor/Daylight Lamp/Sodium Lamp
Day & Night	ModeIR cut filter with auto switch
WDR	80 dB
FEATURE	
Bi-spectrum Image Fusion	Fusion view of thermal view and overlaid details of the optical channel
Picture in Picture	Combines details of thermal and optical image PIP, overlay thermal image on optical image
SMART FUNCTION	
Face snapping	Built-in deep learning AI algorithm, Supports simultaneous detection of 20-30 faces
Temperature Measurement	Support global and local temperature
Temperature Range	From -15°C to +150°C
Temperature Accuracy	Target temperature 35°C ^ 38°C ±0.3 °C Target temperature 20°C ^ 33°C ±0.6 °C Target temperature 38°C ^ 50°C ±0.6 °C

NETWORK	
Main Stream	Thermal: 25fps(1920 × 1080, 1280 × 720)
Sub Stream	Thermal: 25fps(704 × 576, 352 × 288)
Video Compression	H.264 (Baseline/Main/High Profile) / MJPEG/H.265
Audio Compression	G.711u/G.711a/G.722.1/MP2L2/G.726/PCM
Protocols	TCP/IP, ONVIF, GB/T 28181, DHCP, RTP, RTSP, PPPoE, UPnP, UDP
API	ONVIF (Profile S, Profile G, Profile T), SDK
GENERAL	
Web Client Language	languages English, Chinese
Power	DC 12V, 0.65A
Work Temperature/Humidity	From -20°C to 55°C; Humidity: 95% or Less
Protection Level	IP67
Dimension	246 mm × 101 mm × 81 mm (with bracket)
Weight	Approx. 1.0 kg



# Advantages Compared to Traditional System

## Sunell Body Temperature Measurement System

16 people temperature measurement within 30 ms

Max. 16 people can be measured simultaneously in real-time

Dynamic real-time continuous detection

Intelligent automatic temperature detection



## Traditional Thermometer Temperature Measurement

Complete 16 people temperature measurement in 16s

Only can simultaneously complete the 1 person temperature measurement

Need arrange and irregular measurement

Manual temperature measurement

# Key Features



**Intelligent Face Recognition  
Temperature Measure**



**Support Mobile  
APP**



**Over-temperature  
Real-time Warning**



**Data can be Checked  
and Analyzed**

# Contactless Access Control & Automated Door Opening

**AI FACE RECOGNITION**  
TEMPERATURE MEASURING DEVICE

**PB02 - GYW**





**CONTACTLESS ACCESS CONTROL  
FACIAL RECOGNITION  
TEMPERATURE MEASURING FOR FEVER  
CONTACTLESS DOOR OPENING**

**A Total Contactless Solution for  
Tackling Access Control in COVID 19 era..**

## Capabilities

Temperature measuring distance: 0.5-1.0 m 0.75 m is the best

Face recognition distance: 0.5-2.2 m

Temperature error: temperature  $\pm 0.3^{\circ}\text{C}$  - Germany Sensor

Identification accuracy: 99.5%



**Adopt deep learning algorithm, support 30,000 face database, 200ms speed recognition, to achieve the rapid movement of personnel**

- Aerospace Standard Aluminium Material
  - Better Corrosion Resistant and Heat radiation
  - Longer Service life
  - Better Appearance texture
  - 7" IPS LCD Screen
  - Excellent Hardware Performance
- 
- 200ms Face recognition Speed!
  - 30000 Face Database
  - 99+% Accuracy
  - High Quality German Temperature Sensor
  - Data Output and Management
  - Face Capture, Recognition & Temp records
  - Smart Software & Mobile App





- Precision Temperature Measurement
- Sensor Made in Germany
- Attractive Design
- State Of The Art Technology

Visual Camera: 2 million Pixel cameras

Waterproof: IP66 Rates

Operating system: Linux

Display: 7 inch IPS hd 1024\* 600,300 CD /m2

Hardware interface: RS485, RS232, RJ45, Relay Out  
output Fill light lamp: infrared fill light, white light

fill light Rated voltage: dc 12V input

Panel size: 219x111x21.5mm

Built In Stand size: 33x189mm

## Non-contact Temperature Detection

Temperature Error Range  $\pm 0.3^{\circ} \text{C}$

Smart Face Recognition Temperature Device



Automatically record abnormal temperature information of the human body and automatically count relevant person

People Without wearing Masks Can Be Accurately Detected - Required features can be enabled or disabled

# Easy Installation - Doors , Fast lanes, Turnstiles , Standalone



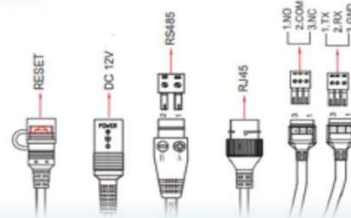
## **AUTOMATIC DOOR - CONTACTLESS**

Automatic Door Opener for Various Loads from 100 – 300 Kg  
Product Made by Ditec – Italy

**Seamless Integration with PG02GYW**



### Wire Definition



## Easy Connection & Interface



## FASTLANE ENTRANCE

- Special Brackets provided
- Easy Installation
- Video Tutorial provided
- Multiple devices on single PC
- Cost effective Solution

# Easy To Use – Management Platform

## Multiple devices in to single Platform

### Import and Export of DATA

#### SDK / API for 3<sup>rd</sup> Party Development ( With required Qty Order )

#### Bulk File Import

The image displays two screenshots of the SDP2000 management platform. The left screenshot shows a 'Staff photo import' dialog box overlaid on a personnel list. The dialog box contains instructions: 'More than 500 pictures please use zip upload, pictures must be named properly zip' and 'File size cannot exceed 80M, image must be named!'. It includes 'Cancel' and 'OK' buttons. A red arrow points from the 'Input personnel images in batches' button in the bottom toolbar to the dialog box. The right screenshot shows the main personnel list interface with a sidebar for organizational structure. The bottom toolbar contains buttons for 'Add', 'Input personnel in batches', and 'Input personnel images in batches', with the latter two highlighted by a red box.

Image	No.	Name	Gender	Mobile phone No.	Department	Certificate type	Certificate No.	State	Creation date	Engage
	quanshaojun	全沙君	Male	15013778608	Subdepartment	ID card	440825198806202546	Exception	2020/3/24	
	duanjiame	段佳美	Female	15013778610	Subdepartment	ID card	440825198806202546	Exception	2020/3/24	
	li	李	Female	15013778610	Subdepartment	ID card	440825198806202546	Exception	2020/3/24	
	huangdongjie	黄东杰	Male	15013778607	Subdepartment	ID card	440825198806202546	Exception	2020/3/24	
	dengmin	邓敏	Male	15013778604	Subdepartment	ID card	440825198806202546	Exception	2020/3/24	
	zhouliang	周亮	Male	15013778609	Subdepartment	ID card	440825198806202546	Exception	2020/3/24	
	hongwei	洪伟	Male	15013778606	Subdepartment	ID card	440825198806202546	Exception	2020/3/24	
	quanshaojun	全沙君	Male	15013778608	Subdepartment	ID card	440825198806202546	Exception	2020/3/24	