infraSpector

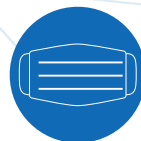## ThermoStation

Temperature measurement range 10 °C - 42 °C

Temperature measurement speed < 1 second

Max. temperature detection distance: 1 meter

Temperature measurement accuracy ≤ ± 0.5 °C

Mouth piece presence and face recognition settings

In our changing world the threats to human health posed by viruses are intensifying. Corporations are morally or legally obliged to take precautionary measures to protect visitors and employees and reduce the chances of infection.

Detection of elevated body temperature is an important factor in ensuring safety of visitors and employees. The InfraSpector is based on an IR thermal imaging camera.

Its contactless measurement characteristics are optimised for the human body temperature range.

Specifications infraSpector ThermoStation

	Thermal camera module
Temperature detection distance	1 meter (optimal distance 0.5 m)
Temperature measurement accuracy	≤ ± 0.5 °C
Temperature measurement range	10 °C ~ 42 °C
Abnormal temperature alarm	Support (temperature alarm value can be set)
Temperature measurring speed	< 0.5 second
	Camera
Resolution	2 million pixels
Type	Binocular wide dynamic camera
Aperture	F2.4
Focusing distance	50 - 150 cm
White balance	Auto
Photo flood light	LED and IR dual photo flood light
Mask detection	Support
	Display
Size	8.0 inch IPS LCD screen
Resolution	800 x 1280
Touch	Not supported (optional support)
	Processor
CPU	RK3288 quad-core (optional RK3399 six-core, MSM8953 eight core)
Storage	EMMC 8G
	Interface
Network module	Ethernet and wireless (WIFI)
Audio	2.5W / 4R speakers
USB	1 USB OTG, 1 USB HOST standard A port
Serial communication	1 RS232 serial port
Relay output	1 door open signal output
Wiegand	One Wiegand 26/34 output, one Wiegand 26/34 input
Upgrade button	Support Uboot upgrade button
Wired network	1 RJ45 Ethernet socket
	General parameters
Power	DC12V (± 10%)
Operating temperature	0 °C ~ 60 °C
Storage temperature	-20 °C ~ 60 °C
Power consumption	13.5W (max)
Installation method	Screwed by wall mount bracket
Dimensions	Standard (L x B x H): 27 x 13 x 2 (cm)
	IC card / ID card (L x B x H): 29 x 13 x 2.5 (cm)