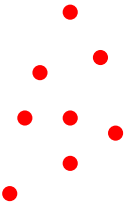




Infrared Temperature Measurement Instrument



About HGTECH

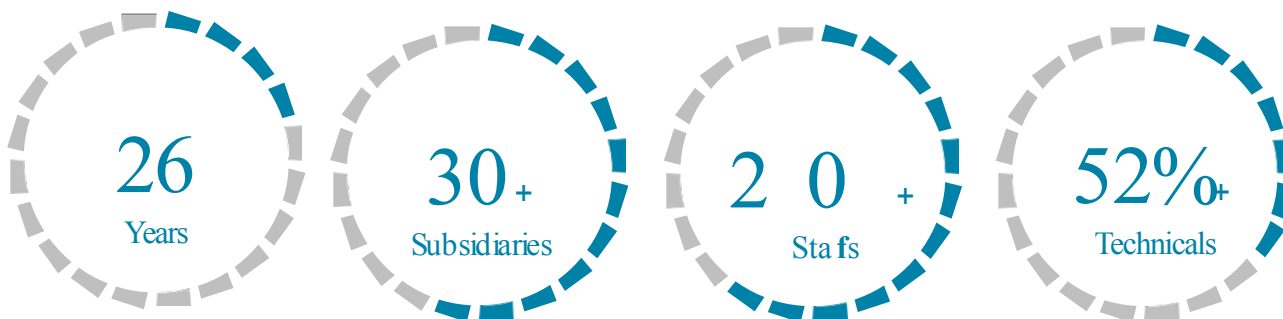


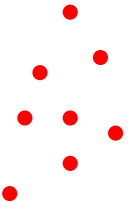
HGTECH Infrared division was established in 1994 with a registered capital of 172,79 million yuan and its history could be dated back to 1950s.

HGTECH is a high-tech enterprise which specializes in R&D, production, sales of CNC system, industrial robot, infrared thermal imager, new energy vehicle.

HGTECH was successfully listed on the GEM with Stock Code 300161 in 2011.

HGTECH was granted one of national first batch of 91 Innovative Enterprises by Ministry of Science and Technology and State-owned Assets Supervision and Administration Commission of the State Council.





Infrared Temperature Measurement Product

Infrared Body Surface Temp Screening Instrument

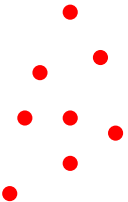
Professional Equipment to Prevent Epidemics from Spreading

HY-2005B

More precision and high configuration

Fully enhance the performance
and increase the cabinet to improve the image





Infrared Temperature Measurement Product

Infrared Body Surface Temp Screening Instrument

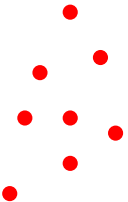
Professional Equipment to Prevent Epidemics from Spreading

HY-2005B/E

Easy installation and operation

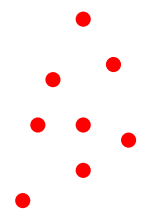
A computer connects thermal camera and black body to monitor the body temperature





Specs

Item	Specs	Specs
Type	HY-2005B	HY-2005B/E
Detector pixel	640*512	384*288
Detector pixel spacing	0.63mrad	0.99mrad
Infrared imaging distance	200m	150m
Lens focal length	19mm	15mm
Field of view	32° × 26°	24° × 18°
Thermal sensitivity	0.05°C	0.05°C
Temperature measurement range	0°C-50°C	20°C-50°C
Temperature measurement precision	±0.2°C	±0.3°C
Temperature measurement mode	External black body real-time calibration measurement	Internal black body real-time calibration measurement
Visible camera pixel	200Megapixel	130Megapixel
Video mode	Double-light fusion	Double-light fusion
Instrument composition	Industrial cabinet+computer+holder of black body	Computer+ 2 triangle holders
Power	AC 220V	AC 220V
Interface, communication protocol	Ethercat, TCP/IP, UDP	Ethercat, TCP/IP, UDP
Temperature at operation	0°C-50°C	0°C-40°C
Optimum measurement channel width	≤2.5m	≤2.5m
Optimum measurement distance	6-8m	5-7m
End customer management software	1 set	1 set



Comparison with other brands



Parameter comparison with other brands

Item	HCNCinfrared body temperaturedetection system
Classification	IRhuman body temperature measurement
Measurement accuracy	± 0.3℃
Measurement stability	Temperature measurement is always stable
Third party identification certificate	National approval certificate of measuing instruments
Third party identification	Supplier of temperature measurement products agreed by AQSIQ for 10 consecutive years
Market segment share of IRbody temperature measurement	60% or more

Advantages

Quickness

Measure the temperature within 1 second



Non-contact detection

Body temp measurement at a distance of 5-8m
which is not easy to cause people's aversion and avoids cross infection



Advantages

Sensitivity

Temperature resolution 0.05°C to make it easy to find out the fever precisely



Concealment

Temperature measurement is performed without people's knowing, and does not affect the normal order of airport, metro, and other places



Advantages

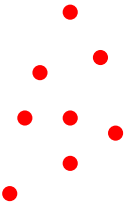
Powerful, efficient, accurate

Real-time information/history information is displayed at the same time. Query is convenient and fast



Temperature curve setting is easily learned and applied





Advantages

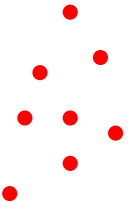


Powerful, efficient, accurate

Flexible alarm parameter setting

Smart management for abnormal body temperature data





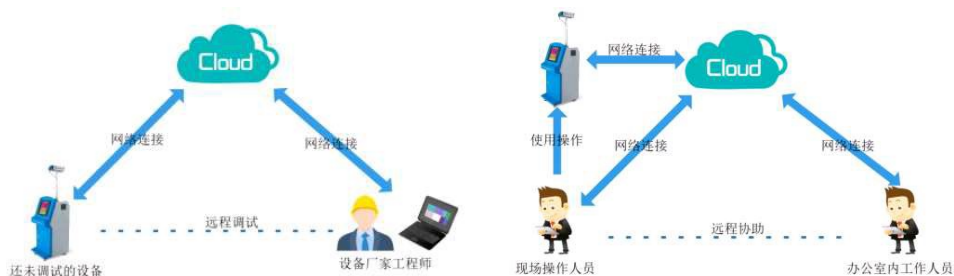
System Big Data Cloud Platform

Internet+, Intelligence+ Functions

Through internet of things technology, big data cloud platform connects all the infrared thermal imagers into the internet, and realizes the remote commissioning, remote maintenance, remote monitor and management, abnormal temperature big data and intelligent application and other relevant cloud services.

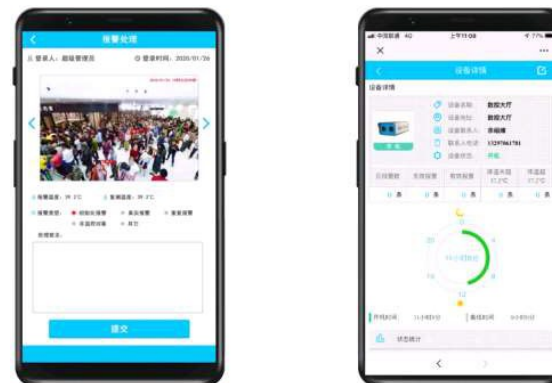
Cloud platform reduces the threshold of equipment utilization and supplies multiple manners for prevention and analysis of epidemic.

Main Functions of Cloud Platform



Remote commissioning and technical support

Remote maintenance and repair



Remote management and monitor



Containing Epidemic

HY-2005B

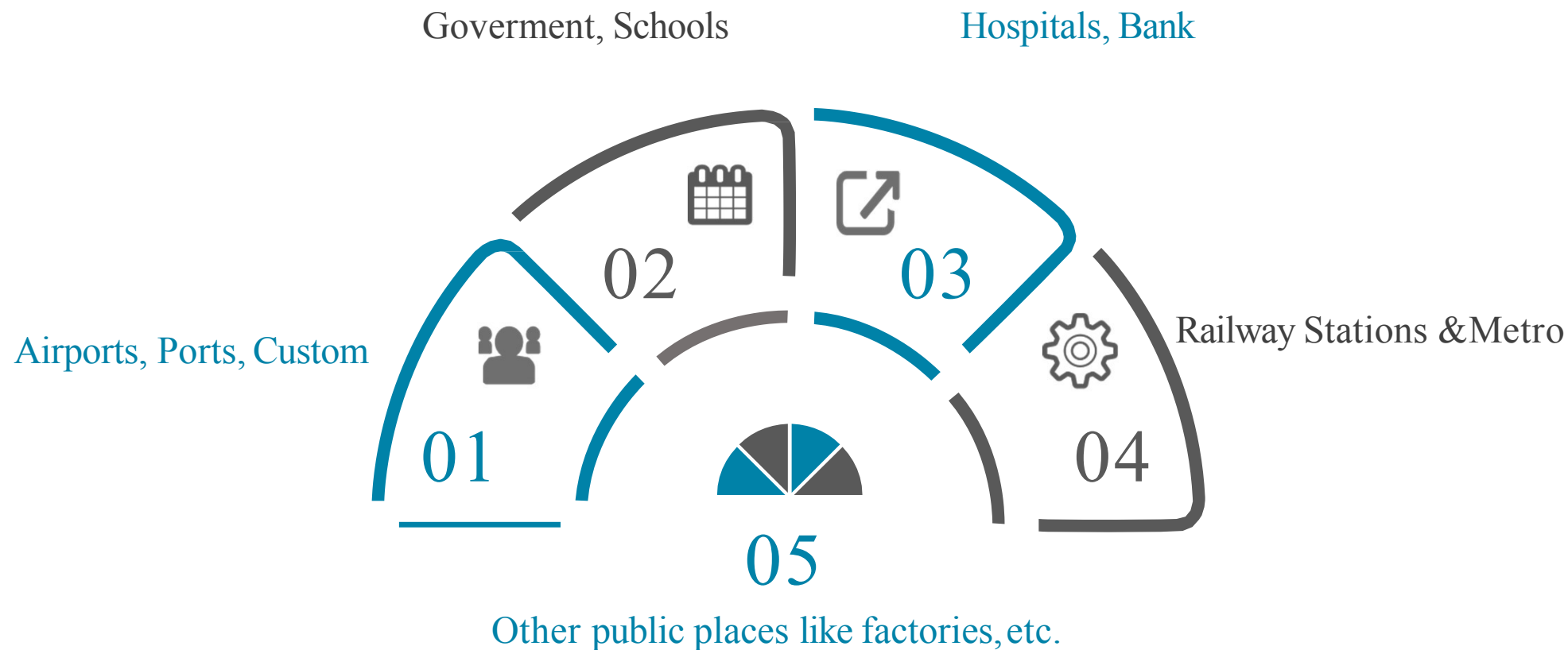
Infrared Body Surface Temp Screening Instrument

Has been widely used to contain epidemics

YEAR	EPIDEMIC
2003	SARS
2009	H1N1 Influenza
2012	Avian Influenza
2014	Ebola
2019	Mouse Epidemic of Inner Mongolia
2019-2020	COVID-19



Applications



Factory

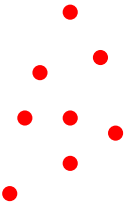
Before production recover, every factory should equip such device to monitor back-to-work workers' temperature condition, prevent unnormal people enter in factory to infect other healthy people!

FOXCONN FACTORY



QINGDAO HAIER GROUP





Factory

The temperature can be measured while the people is still in the car.
System will alarm if the temperature is more than the setted value.
When system detects the non-human face target such as tyre, engine and other targets,
the alarm will be eliminated automatically even though
the temperature exceeds the setted scope.



Airports, Custom Office

BEIJING CAPITAL INTERNATIONAL AIRPORT



SHENGZHEN BAOAN INTERNATIONAL AIRPORT



Airports, Custom Office

JINAN AIRPORT



Other Cases

Wuhan Tianhe Airport
Guangzhou Baiyun Airport
Shanghai Pudong Airport
Nanjing Lukou International Airport
Chongqing Airport
Wuhan Custom
Shenzhen Custom
Beijing Capital International Airport custom
Tianjin Custom
Guangzhou Baiyun Airport Custom
Shenzhen Futian Port
Shenzhen Luohu Port
Entry-Exit Inspection and Quarantine Bureau
(Guangdong, Shenzhen, Zhuhai, Liaojing)
And so on

Railway Station, Metro

SHENZHEN METRO

GROUP

Shenzhen Metro Group has purchased more than 200 sets Infrared thermal system.
Widely used for measuring the passengers' temperature in Metro Station.



CHONGQING BULLET TRAIN STATION



Railway Station, Metro

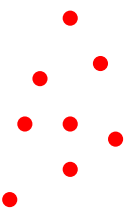
MA'ANSHAN EAST STATION

Infrared temperature measurement system was installed at the entry of waiting hall of Ma'anshan east station. Measure the temperature within 1 second within a distance of 8 meter.



TENGZHOU BULLET TRAIN STATION



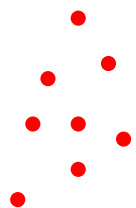


Hospital

DONGFENG GENERAL HOSPITAL OF SINOPHARM GROUP (SHIYAN CITY)

Infrared intelligent temperature measurement system was put into operation on 19th Feb, 2020.
This system can recognize the people's temperature within a distance of 8 meter
and realize 24 hours' monitor



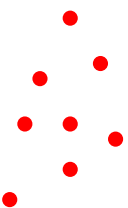


Hospital

WUHAN LEISHENSHAN HOSPITAL



HCNCassists the construction of hospitals

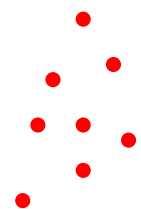


Shops

SANYA INTERNATIONAL DUTY FREE SHOPPING CENTER



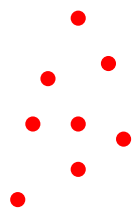
Sanya international duty free shopping center reopened on 20th Feb 2020
after the confirmed cases of COVID-19 did not increase in a seven consecutive days
HCNC infrared temperature measurement instrument was installed at the entry of the shopping center
to help duty free center resume operation



Super Market

SUPERMARKET





School



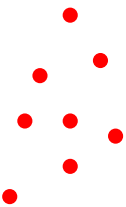
PRILIMINARY SCHOOL



MIDDLE SCHOOL

COLLEGE





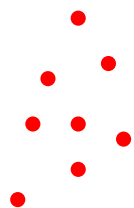
Public Office

COMUNITY SERVICE CENTER



POLICE OFFICE





Service



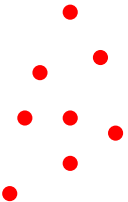
DURING PROJECT

- ☐ Pack/Ship
- ☐ Installation Support
- ☐ Commissioning
- ☐ Training
- ☐ Worldwide Service Center

AFTER SALES

- ☐ Spare Parts
- ☐ Scheduled Maintenance
- ☐ Emergency Maintenance
- ☐ Training
- ☐ 24-hour Service Hotline
- ☐ Worldwide Service Center
- ☐ Remote Technical Support





Why choose HGTECH?



Technology

HGRECH is a leader in China's intelligent technology and infrared technology. It has strong R&D and production capabilities of infrared intelligent body temperature detection systems

Sufficient Capacity

The company is a GEM-listed company. It has established three production bases in Wuhan headquarters, Foshan, and Chongqing, with the ability to produce 2,000 sets per month.

Experience

HGTECH is the only company with more than 20 years of practical experience in the field of human body temperature detection

Service

Each branch has a strong ability to install and provide technical services. We're on call 24 hours.



THANK YOU
FOR WATCHING