



FDT-WT100C WTMD with temperature measurement integrates, Temperature measurement adopting the thermal imagery technology, realizes non-contact temperature measurement. Face detection function. The detector also supports metal detection. This system apply to various places: such government agencies, procuratorates, courts, prisons, customs, airports, subways, passenger stations, electronics factories, banks, stadiums, convention venues, entertainment venues, Large gatherings places,

## Technical Parameters

### -General index

Product Model	FDT-WT100IT Walkthrough metal detector with Thermometry
Vertical external dimensions	2230mm (H)×835mm (W)×580mm (D)
Vertical external dimensions	1990mm (H)×700mm (W)×500mm (D)
Weight	65KG
Working voltage	AC90V ~ 240V 50 / 60Hz
Power consumption	< 15W
Detection Zones	6-18 Zones
Operating frequency range	1—100 frequency
Sensitivity	0~999 levels adjustable
Working environment temperature	-5 C ~ 50 C
Accuracy range of location detection of temperature	±0.3 C
Accuracy range of location detection of metal	Maximum sensitivity < 6g metal

## Smart Functions:

- Linkage for audible alarm
- Temperature exception detection
- Linkage of white strobe light alarm
- Supports face capture function, which can perform temperature detection and capture on 20 faces same time
- Support face tracking and scoring

## Thermal Imaging Functions:

- Uncooled sensor, resolution: 160 x 120
- Supports AGC4.0, DDE, and 3DNR
- Supports dual-light fusion image
- Supports visible light and thermal imaging frame over lay  
15 pseudo colors: white, black, red, etc.

## System Functions:

- Dual-channel, single IP
- Dual-streaming
- PoE power supply
- IP66 protective level
- Operation temperature: 5 C to 40 C, < 95% RH

## Interfaces

- 1-ch alarm input/output
- 1-ch audio input/output
- ch 12 VDC power input
- 10M/100M self-adapting network interface
- Micro SD/Micro SDHC/Micro SDXC card (128G/256G) slot

## Visible Light Functions:

- 4 MP, 1/2.7" CMOS, Max. resolution: 2688×1520@25fps
- Supports low bit rate, low latency and ROI
- Independent settings for day or night condition

## Infrared related:

- Support up to 15 meters infrared fill light
- Supports Smart IR, supports anti-fill light overexposure on and off, supports auto and manual when turned on, manual supports control of fill light level based on distance level
- Support an independent set of two sets of parameters day and night

## Security:

- Security verification, such as HTTPS, supports license creating
- Three level of users, IP address filtering, user and password authentication