

# HP-WTC Series

## Wireless Thermal Security Camera



- 384x288, 640x512, thermal sensor
- 19mm 25mm thermal lens
- WIFI connection and transfer
- 3.2kg light weight
- IP66 and -20 °C low temperature resistance

\*The picture is for reference only, the appearance of the product is subject to the actual production

### System Overview

This series Wireless Thermal Imaging Camera products used 19mm or 25mm wide FOV lens. The total weight is under 3.5kg, suitable for tripod and vehicle mobile solutions. Inside max 128G memory card increasing the storage ability and support WIFI video transfer for easy operation. IP66 protection design ensure the camera performance in harsh weather and various outdoor use

### Technical Specification

#### Thermal Camera

Image Sensor	Vox Detector
Effective Pixels	384(H)x288(V) for 19mm 640(H)x512(V) for 25mm
Pixel Size	12μm
Thermal Sensitivity (NETD)	≤50mK@f/4.0
Spectral Range	7~14μm
SDE	Support SDE digital image processing
Pseudo Color	16 pseudo color and B/W, B/W inverse
AGC	Support
Digital Zoom	8X
Strong Light Protect	Support
Temp Correction	Thermal imaging clarity is not affected by temperature

#### Interface

WIFI	802.11a/b/g 2.4G
Protocol	TCP/IP,UDP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,IGMP,SMTP,NTP,QoS,ONVIF
4G/5G	Optional for OEM Design

### Thermal Lens

Focal Lens	19mm, 25mm
FOV	19mm: 13.8°×10.4° 25mm: 17.5°×14°
Effective Distance (Vehicle: 2.3x2.3m)	Detection: 1.7km Recognition: 0.5km Identification: 0.2km
Effective Distance (Human: 1.8x0.5m)	Detection: 0.7km Recognition: 0.3km Identification: 0.15km
Fire Detection	1km

### PTZ

Patrol	Support auto patrol
Rotation	Pan: 0~360°, tilt: -25~+90°
Speed	Pan: 0.01~60°/S, Tilt: 0.01~40°/S
Preset	128

### Environmental

Operate Temp	-20°C~+50°C
Ingress Protect	IP66
Power	12W (Peak)
Weight	3.2kg

### Order Information

WTC4102D	Thermal: 19mm, 384x288 WIFI Version
WTC4102S	Thermal: 25mm, 640x512 WIFI Version