

# HP-WTVC Series

## Wireless Thermal Security Camera



- 384x288 or 256x192, thermal sensor
- 19mm 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 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) or 256(H)x192(V)
Pixel Size	12μm
Thermal Sensitivity (NETD)	≤50mK@f/4.0
Spectral Range	7 ~ 14μm
Pseudo Color	16 pseudo color and B/W, B/W inverse
Digital Zoom	8X

#### Visible Camera

Sensor	1 / 2.8" Sony CMOS
Lens	4.7 ~ 47mm
Resolution	2mp

#### 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
FOV	384x288: 13.8°×10.4° 256x192: 11.5°×9.2°
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

WTVC4102	Thermal: 19mm, 384x288 WIFI Version
WTVC2102	Thermal: 19mm, 256x192 WIFI Version