

HP-QTVC Series

Wireless Thermal Security Camera



*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 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 640(H)x512(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	4.5-135mm
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

- 384x288 or 640x512, thermal sensor
- 19mm thermal lens
- WIFI connection and transfer
- 5kg light weight
- IP66 and - 20 °C low temperature resistance

Thermal Lens

Focal Lens	19mm
FOV	384x288: 13.8°×10.4° 640x512: 22.9°×18.4°
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: -20~+90°
Speed	Pan: 0.01~60°/S, Tilt: 0.01~40°/S
Preset	128

Environmental

Operate Temp	-20°C ~ +50°C
Ingress Protect	IP67
Power	12W (Peak)
Weight	5kg

Order Information

QTVC4102	Thermal: 19mm, 384x288 WIFI Version
QTVC6102	Thermal: 19mm, 640x512 WIFI Version