

THERMOMETER & FACE RECOGNITION INTELLIGENT HELMET

UL U5FH

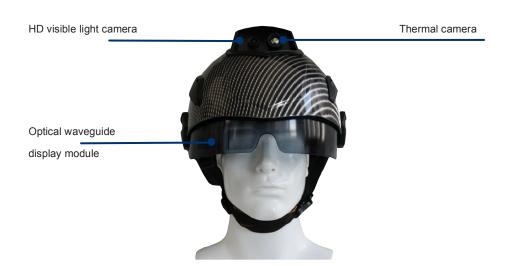
- THERMOGRAPHY
- VIDEO RECORDING
- REMOTE INTERACTION
- FACE RECOGNITION
- LICENSE PLATE RECOGNITION

## **MAIN FEATURES**

- Al real time warning.
- Ability to monitor temperature of personnel in the surrounding area and to obtain evidence using real time video and audio.
- Intelligent command based on cloud platform
- Fast identification of people in the visible range
- Vehicle identification on the opposite side







## **FEATURES**

- Non-contact remote temperature measurement Using high precision thermal imaging mechanism to achieve accurate temperature measurement effect.
- Face detection + recognition speed of more than 10 frames per second. Real time frame by frame recognition based on Qualcomm brand 625 processor
- Optical waveguide display technology
   Support 720p high-definition optical waveguide, virtual display of large screen effect
- Real time comparison of 100000 level blacklist in the front end maximize CPU computing power for real-time face comparison
- Support offline comparison
   Local comparison can be performed when offline
- Standard OTG interface
   The helmet adopts standard OTG interface, which can be compatible with most police communication and mobile phones based on Android platform

# **SPECIFICATIONS**

#### **HD VIDEO UNIT**

Image sensor	8 MP CMOS
Video resolution	1080P@30fps,720P@30fps
Visual angle	30° long focus, 75° short focus
Anti shake	2.4G
Video output format	Max256GB, TF card

#### THERMAL IMAGING UNIT

Resolving power	384×288
Frame rate	25Hz/50Hz
Temperature measurement distance	1~5m
Temperature measurement accuracy	±0.3 C

### **OPTICAL WAVEGUIDE UNIT OPTIONAL**

Optical machine type	Arrayed optical waveguide display module
Resolving power	1280×720
FOV	26 ° diagonally
Transmittance	>80%

### **OTHERS**

Interface	TYPEC interface x1
Power Supply	Built in 3000mAh lithium battery