



U-Link

**THERMOMETER & FACE
RECOGNITION INTELLIGENT
HELMET**

UL U5FH

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

MAIN FEATURES

- AI 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





SPECIFICATIONS

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

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