

Portable Face Recognition Kits

Descriptions

KEENEYE Lite is a newly integrated product developed by CEIEC. Face recognition server, wireless integrated camera, smart glasses, camera bracket and wireless network modules are integrated into the portable box to form a portable face recognition system that can be quickly deployed and flexibly used.

The product supports the functions of blacklist alarm, identity verification, image search and face library management etc., and can be widely used in temporary security control, mobile investigation of evidence and dynamic personnel verification.

Functions

Functions	Descriptions
Face Detection and Capture	Face detection, capture and storage
Blacklist Alarm	Control the blacklisted personnel and trigger real-time alarm
Face Retrieval	Figure library retrieval and passerby library retrieval
Face Comparison	1v1 comparison
Real-time Monitoring	View real-time video, conduct capture and trigger alarm
Comprehensive Management	Control management, library management and device management



Features



Quick Deployment in 5 Minutes

Zero configuration, one-key start, power on and use for the system.



Face Capturing of the First Perspective

Head-mounted smart glasses realize face capturing of the first perspective and flexible application.



Long Standby Time

The camera supports 8-hour long standby, and the server supports emergency use for 3 hours.



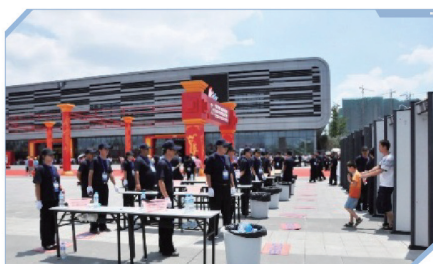
Support Remote Concealed Detection

Wireless distance between the camera and the server can reach up to 200m, monitoring is more concealed, and use is more flexible.

Product Architecture



Application Scenarios



Security in Large-scale Activities



Temporary Security Check



Personnel Check at Traffic Hub

Portable Face Recognition Kits

CEHW-KEL/E1-2



Portable Face
Recognition Server x1

Number of Access Channels	2-channel wireless camera	
Library Capacity	Blacklist capacity: 300,000; face library capacity: 500,000; passer library capacity: 2 million	
Response Time	Control alarm time delay: ≤1s; retrieval response time: ≤3s	
Display Screen	15.6 inches, resolution: 1920×1080	
Memory	16GB	
Hard Disk	1TB SATA3.0 SSD	
Sound Card	Support audible alarm	
Wireless Network	2×Gigabit LAN port, Maximum communication distance in open environment:200m	
Power Supply	DC input, 19V, 120W, wide power voltage: 110V~220V	
Battery	Battery life: 3h	
Interface	4×USB3.0, 2×Gigabit Ethernet port, 4-way wireless image transmission module and antenna, 1×Mic in, 1×Line out, 2×HDMI, 1×DP	
Working Temperature and Humidity	Working temperature: -10°~55°; humidity: <95% (non-condensing)	
Size	375mm×266mm×66mm	
Weight	4.8KG	
Model	CEPE-KEXV-CA/B002(4)	CEPE-KEXV-CA/B002(23)
Focal Length	2.8-12mm 4×optical zoom	5.9-135.7mm 23×optical zoom
Electronic Shutter	1s-1/100,000s	1s-1/30,000s
Minimum Illumination	Color: 0.0005 Lux @ (F1.2, AGC ON), black and white: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON), black and white: 0.0005 Lux @ (F1.6, AGC ON)



Wireless Integrated
Camera x2

Model Optional

CEPE-KEXV_CA/B002(4)
CEPE-KEXV_CA/B002(23)

Capture Distance	6m	50m
Sensor Type	1/1.8" Progressive Scan CMOS	
Pixel	2 megapixels	
Day and Night Conversion Mode	ICR infrared filter type	
Wide Dynamic Range	120dB	
Resolution	1920×1080	
Power Supply	DC12V, ≤20W	
Wireless Network	Support ultra-wide wireless bandwidth (5.1GHz-5.8GHz), maximum transmission rate: 300Mbps, open distance: 200m	
Encoding Format	Support RTSP real-time streaming protocol, support H.265/H.264/MJPEG standard	
Way of Power Supply	Support power supply by power cord and lithium battery, battery life: 8h, with charging base, to be fully charged in 6h, battery can be quickly replaced	
Working Temperature and Humidity	Working temperature: -20°C~60°C, humidity: <95% (non-condensing)	Working temperature: -10°C~60°C, humidity: <90% (non-condensing)
Weight	2KG (including battery)	
Level of Protection	IP66	



Portable Box

Material	Magnesium aluminum alloy	
Size	Outer dimensions: 684mm×455mm×280mm; inner dimensions: 603mm×417mm×270mm	
Box Weight	6.02KG	



Smart Glasses x1

Quantity Optional

Lens	Valid 8 megapixel; Video: 640×480 @30fps, 1,280×720 @30fps	
Display	Resolution 640×400; automatic brightness adjustment supported	
Interface	USB type-C×1	
Working Temperature	-20°C~50°C	
Weight	<35G	

Warning:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter