

# Product Description

## 8" Facial Recognition and Temperature Measurement Kiosk

Model: KMT-0080U-3CAW

8" Facial Recognition and Temperature Measurement Kiosk Regular info	
Working humidity	0~90% relative humidity, no condensation
Salt spray	Level Rp6 or above
Anti-static property	Contact $\pm 6\text{KV}$ , air $\pm 8\text{KV}$
Power	DC12V/2A , 20W(MAX)
Column aperture	36mm
Equipment size	252(L) * 136 (W) * 26 (T) mm
Screen size	8 inches IPS HD screen
Weight	1.7 kg
Modes of packing	Packed in three cartons
Place of origin	China

[Face temperature measurement Walk Through Face recognition Thermal scanner](#)

**Detailed pictues:**

## 8" Facial Recognition and Temperature Measurement Kiosk



IP 65 waterproof  
& dustproof



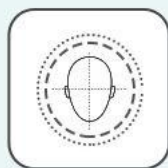
Infrared temperature  
measurement



Alarming  
system



Linux  
Operating system



Accurate face  
recognition



Large-capacity  
face database

# Contactless Infrared temperature detection



Temperature tolerance:  $\pm 0.3^{\circ}\text{C}$

Temperature measurement range:  $16^{\circ}\text{C} - 40^{\circ}\text{C}$

Detection distance:  $\leq 30\text{cm}$

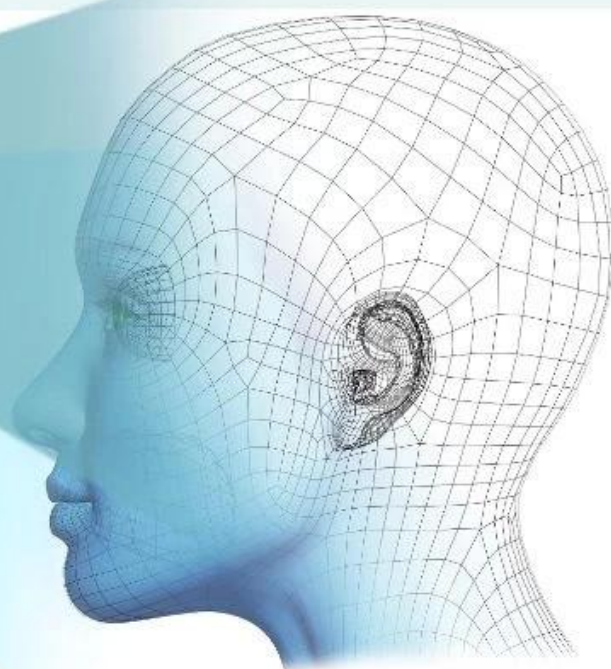


## Rapid face Recognition: less than 1s

8-inch IPS full-view high-definition display, no image smearing, no delay.

Automatic gain, automatic white balance, make the true color of the image naturally restore.

Built-in black level sensor for video surveillance, low-light recognition is more accurate.



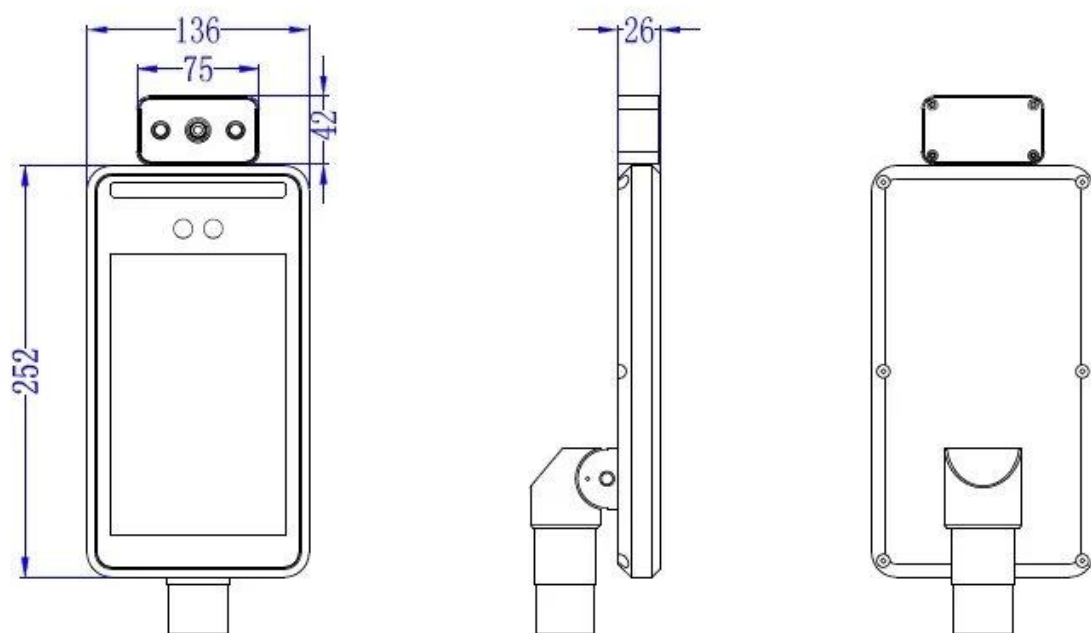
# 1s

**large storage capacity to meet places  
with large traffic.**

## 24,000 face database

Support 24000+ face comparison data and 160,000 recognition records.







# Alarm system for temperature measurement and entry management



Normal temperature: pass

abnormal temperature: can't pass



- Stranger
- ☒ Temperature measurement
- ☒ No entry





# Flexible installation

Desktop



turnstile



wall mounted



Tripod



Pillar



# Application

Bus, supermarket, school, government, hospital, factory



## customized multiple interfaces

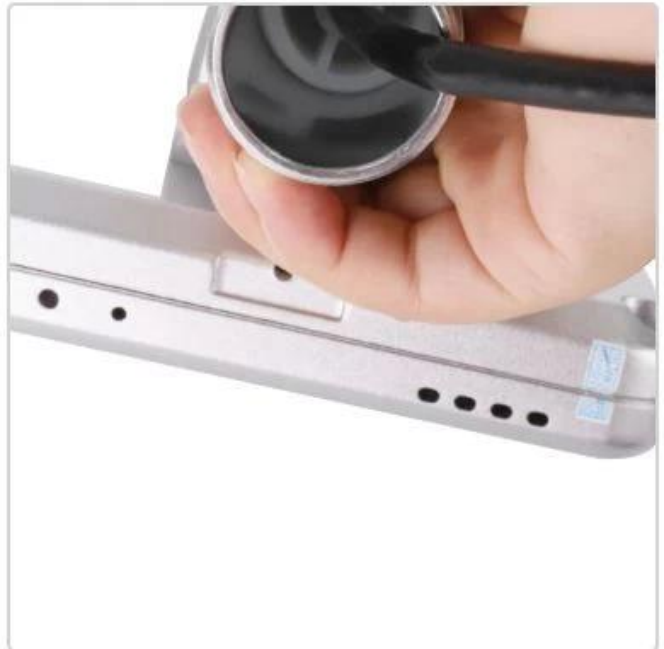


**Detailed Images**





















Model	KMT-0080U-3CAW
<b>Hardware</b>	
Processor	Dual Core Processor+ 1G memory + 16G flash
Operating system	Linux Operating system
Storage	Support TF card storage
Viewing angle	Vertical viewing angle: 30°; Horizontal viewing angle: 30°
Sensor	1/2.8" Progressive Scan CMOS(IMX307)
Lens	6mm
Communication	Support 4G \ WIFI \ bluetooth ; can be customized
Speaker	voice playback content can be customized
Temperature measurement performance	Please find the notes on last page
Measurement range	16℃ - 40℃ (Indoor without wind)
Temperature measurement	European original lens
Sensors type	Medical grade European imported sensors
Measurement accuracy	± 0.3℃
Temperature resolution	0.1℃
Temperature detection distance	≤30cm
Measurement response time	300ms
<b>Performance</b>	
Recognition	1.2~2.2 meters, angle adjustable
Recognition distance	0.3~1.5 meters, depends on lens
Recognition time	<0.5s
Storage capacity	160,000 capture records
Face capacity	24000pcs
Screen brightness	≥400 cd/m2
<b>Interface</b>	
Switching output	1 way switch output, other GPIO port can be customized
Network interface	1 RJ45 10M / 100M adaptive Ethernet port, Gigabit Ethernet port can be customized
Wiegand interface	1 Wiegand interface input/output
Communication interface	1 RS485 interface
USB interface	1 USB interface
<b>Camera</b>	
Camera	Dual cameras, visible and near infrared, support live detection
Effective pixels	2MP, 1920*1080
Min Illumination	Color 0.01Lux @F1.2(ICR);B/W 0.001Lux @F1.2 (ICR)
SNR	≥50db(AGC OFF)
WDR	120db, ISP algorithm face partial exposure
<b>Function</b>	
Web side configuration	support
remote upgrade	support
LAN/ WAN	support
<b>Regular</b>	
Working humidity	0~90% relative humidity, no condensation
Salt spray	level Rp6 or above
Antistatic	contact ±6KV, air ±8KV
Power	DC12V/2A , 20W(MAX)
Column aperture	36mm
Equipment size	252(L) * 136 (W) * 26 (T) mm
Screen size	8 inches IPS HD screen
Weight	1.7 kg



# Packing&Shipping

## Packaging & Delivery

Selling Units	Single item
Single package size	25.3X14.5X14.5 cm
Single gross weight	1.500 kg
<b>Package Type</b>	
box for display	430*170*115mm,weight:2.1kg.
carton for display	500*195*425mm, 3pcs per carton,G.W:8.8kg.
Bracket carton box	305*51*290mm, G.W:0.3kg.
Carton size for bracket	327*340*317mm,6pcs per carton,G.W:18kg.
0.6m stand box size	630*132*124mm,G.W:0.3kg.
0.6m stand carton size	650*280*260mm,4pcs per carton,G.W:15kg.
1.1m stand size	1130*132*124mm,G.W:0.5kg.
1.1m stand carton size	650*280*260mm,4pcs per carton,G.W:19.8kg.
<b>Lead Time</b>	
Quantity(Pieces)	1-100   101-500   501-1000   >1000
Est. Time(days)	3   5   7   To be negotiated

## FAQ

Q: What can I get the price?

A: We usually quote within 24 hours after we get your inquiry. If you are very urgent to get the price, please tell us in your email so that we will regard your inquiry as priority.

Q:What is your trade term of delivery?

A: We accept EXW, FOB Shenzhen or CIF destination port. You can choose the one which is the most convenient or cost effective for you.

Q: What about the lead time for the mass production?

A: Honestly, it depends on the order quantity and the season you place the order. Sample order is within 2 days. OEM/OEM order will need extra time.

understand more [\*\*Non touch fever alarm temperature Wholesale\*\*](#)