KEDACOM

KSCA120-ANW-TFC
Face Recognition & Fever Screening Terminal
Features

Excellent Image Quality
2.0 Megapixel 1/2.8'' Progressive Scan CMOS Sensor
High definition and smooth picture, 1080p@30fps
0.001lux,ultra low illumination
4mm ultra wide angle dual-lens

Recognitive Functions
Built-in deep learning face recognition algorithm
Support face anti-spoofing
Face intelligence exposure

Flexible Access Control
Support Face Recogintion \ Card \ Face Recognition and Card
\ Face Recognition or Card \ Face Rcognition and Fever Screening \ Remote Control
Support up to 20,000 face library, up to 100,000 card capacity and 1,000,000 event records

Temperature Measurement
Support fever screening
Measurement accuracy ±0.5°C

Abundant Functions and Features
5" Capacitive touchscreen
Micro SD card slot, supports Automatic Network Replenishment (ANR)
Built-in Mic and speaker / Bi-directional audio / alarm in&out / RS485 / exit button / lock NO NC / door contact / tamper button

	KSCA120-ANW-TFC
Camera	
Image Sensor	2 x 1/2.8'' Progressive Scan CMOS
Pixels	2.0 Megapixel
Min. Illumination	Color: 0.001lux
Focal Length	4mm dual-lens
Compression	H.265 / H.264
Image Resolution	1080p@30fps
Bitrate	32kbps ~ 32Mbps
Thermal Module	
Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Resolution	265 x 192
Detector Pitch	12μm
NETD	<= 50mk @F1.0
Response Waveband	8μm ~ 14μm
Angel of View	42° x 32°
Audio	
Compression	G.711a / G.711u / ADPCM / G.722 / AAC-LC / G.726
Bitrate	32kbps ~ 64kbps
Audio Function	Bi-directional audio / AEC / Mixed audio recording / Dumb / Mute
Display	
Size	5"
Type	LCD
Resolution	480 x 800
Operation Method	Capacitive touchscreen
Screen Hardness	>= 6H

Temperature Measurement	
Temperature Measurement Range	30°C ~ 45°C
Temperature Measurement Accuracy	±0.5°C
Temperature Measurement Distance	0.5 ~ 0.8m
Access Control	
Card Reader	IC / M1 / CPU card
Card Capacity	100.000
Face Detection Comparison Library	20.000
Unlock Mode	Face Recogintion \ Card \ Fever Screening \ Face Recognition and Card \ Face Recognition or Card \Face Rcognition and Fever Screening \ Remote Control
Envent Capacity	1.000.000
1:N Face Recognition	Supported
Face Recognition Duration (1:N)	<= 0.5s
Accuracy Rate	>= 99%
Face Detection Distance	0.3 ~ 2m
Face Anti-Spoofing	Supported
Face Exposure	Supported
Network	
Network Protocols	TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, VSIP, UPnP, 802.1x, NAT, QoS, SMTP, IPv4, IPv6
Wi-Fi	802.11 b/g/n 2.4G
User Interface	IPC Control (IE, Firefox, Chrome)
Max. User Access	Max. 10 Users (includes 2 internal)
Application Programming	ONVIF (Profile S, Profile G), GB/T 28181-2011, API, CGI
Automatic Network Replenishment (ANR)	Supported
Interfaces	
Ethernet	10/100M, RJ45 interface
Audio In / Out	1 x Built-in Mic, 1 x Speaker
Control	1x RS485, 1 x Exit button, 1 x Lock NO / NC, 1 x Door contact, 1 x Tamper
Alarm In / Out	2 x Input / 1 x Output
Memory Slot	Micro SD card slot, supports up to 256GB
Environmental	
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Operating Humidity	10% ~ 95%
Electrical	
Power	12V DC ± 10%
Power Consumption	Max. 30W
Mechanical	
Weight	2kg / 4.4lb (Gross Weight)
Dimensions	241 x 94.2 x 54.2mm / 9.49'' x 3.71'' x 2.13''