KSCA120-ANW-TFC

Face Recognition & Temperature Screening Terminal

Intelligent **Starlight** **Temperature Screening** **Deep Learning** **Anti-Spoofing**

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 deeplearning face recognition algorithm
- Support face anti-spoofing
- Face intelligence exposure

Flexible Access Control
- Support Face Recogntion \ 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
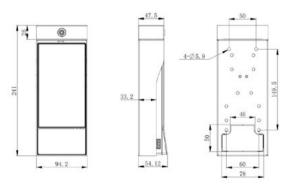
Temperature Measurement
- Support fever screening
- Measurement accuracy ±0.5°C

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

Specifications

	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° × 32°
Audio	
Compression	G.711a / G.711u / ADPCM / G.722 / 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 Recognition \ 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
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"

Dimensions

Units:mm

KEDACOM |Video Surveillance
Recognitive.Mobile.Integrated