

CK350-F FEVER-SCREENING SYSTEM



AIRPORTS & BORDER CHECKPOINTS



**HOSPITALS
HOTELS**



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PRODUCTION FACILITIES



The **CK350-F** is a highly efficient fever screening system designed specifically for use in areas with large numbers of people such as airports, schools, public places, hotels, distribution centers, amusement parks and shopping centers. The **CK350-F** consists of a stationary camera with a powerful 384x288 IR detector, an integrated full HD camera, a black floor system and an operator station.

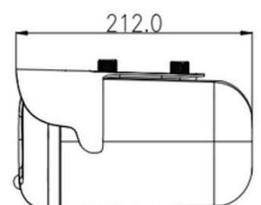
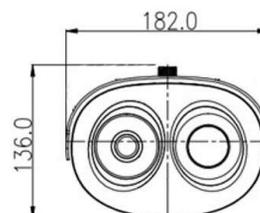
The system has a temperature measurement range of 0°C ~ +60°C and a measurement accuracy of $\leq 0.3^{\circ}\text{C}$. The **CK350-F** comes with a range of temperature measurement tools including motion detection, temperature alarm and many other features. The **CK350-F** enables non-invasive fever screening from a distance, ensuring high throughput and can be fully integrated into the unival Internet of Security.

FEATURES

- 384x288 IR detector
- Specifically designed for medical diagnoses
- A wide range of analysis tools
- Intuitive operating software
- Integrated health management system
- Data & statistics management
- Fastest screening speed with 16 faces per second
- Screening from a distance of 3.5 meters
- Can be combined with the unival LPSS and unival Internet of Security

OPTIONS

- Integration of unival LPSS / Internet of Security
- Ceiling Mount
- Tripod
- Cleaning kit



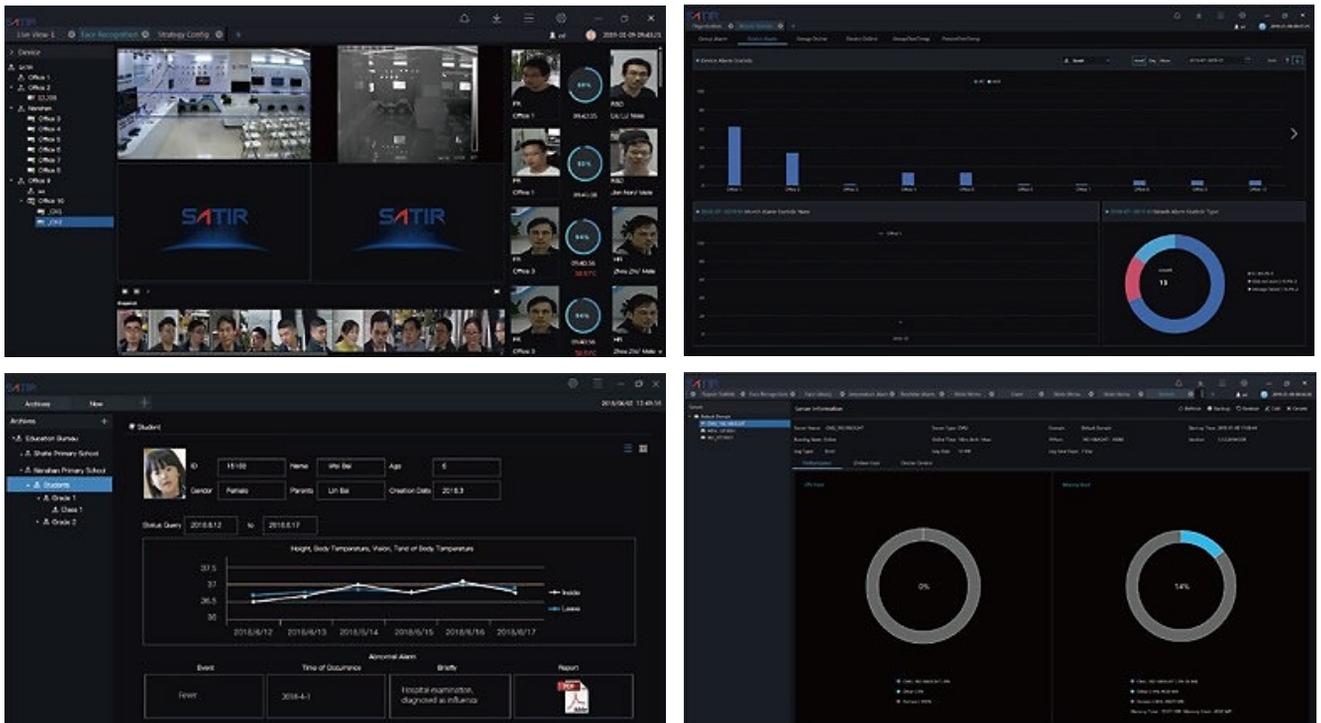
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TECHNICAL SPECIFICATIONS

THERMAL CAMERA	Uncooled IRFPA Microbolometer
RESOLUTION (HXW)	384x288
THERMAL SENSITIVITY (NETD)	50mK @ F1.0, 300K
SPECTRAL RANGE	8~14µm
VIDEO CAMERA	1/1.9" Sony CMOS
RESOLUTION (HXW)	1920x1080
WDR	True WDR 120dB
COMPRESSION	H.265, H.264, MJPEG
NETWORK	IPv4/IPv6 ,HTTP,RTSP/RTP/RTCP, TCP/UDP,DHCP, DNS, PPPOE, SMTP, SIP ,802.1x
OPERATING TEMPERATURE	-30°C – 60°C (for accurate fever screening the system should be installed in a air conditioned /temperature controlled environment)
PROTECTION CLASS	IP66
WEIGHT	2kg
POWER SUPPLY	DC12V/POE (IEEE 802.3af)
CONSUMPTION	Max. 10W

SOFTWARE



The software interface is divided into several functional areas:

- Multi-Camera View:** Displays multiple camera feeds from different offices, with a central 'SATIR' logo and a grid of thermal images.
- Dashboard:** Features a bar chart showing 'Fever Screened' counts, a donut chart for 'Fever Screened' status (13), and a 'Fever Screened' report button.
- Student Profile:** Shows a student's details (Name, Age, Gender, Parents, etc.) and a line graph of 'Height, Body Temperature, Vision, Time of Body Temperature' over time.
- Fever Screening Report:** Displays a circular progress indicator (0% and 14%) and a 'Report' button.