Longse



| SPECIFICATION | |
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| Model NO. | FK02GYH |
| System | |
| Main Processor | MX3520 |
| Operating System | Embedded LINUX |
| RAM | DDR3 512MB |
| ROM | EMMC 8GB |
| Screen | |
| Dimensions | 7 inch IPS HD LCD screen |
| Resolution | 600*1024 |
| Camera | |
| Туре | 2MP camera |
| Sensor | 1/5" GC2145 |
| Resolution | NIR 800*600 15fps |
| Lens | 2.4mm |
| Camera | |
| Туре | Daily camera |
| Sensor | 1/2.8" SONY Starvis Back-illuminated CMOS sensor IMX307 |
| Resolution | Color 1920*1080 30fps |
| Lens | 4.5mm |
| Body temperature de | tection |
| Measuring site | Wrist surface |
| Temperature range | 35℃-42℃ |
| Temperature measuring distance | Away from the wrist 1-3cm |
| Temperature measurement accuracy | ± 0.3°C |
| Measuring Environment | $5^{\circ}C-40^{\circ}C_{2}$ Indoor and windless environment |
| Face recognition | |
| Detection Type | Support face recognition, face comparison, mask detection, living body detection, mask recognition |
| Face recognition distance | Within 1.2m |
| Face database capacity | Max support 30,000 faces |
| Face Posture | Horizontal less than 35°, vertical less than 50° |
| Occlusion | Ordinary glasses and short fringe have no effect on recognition. |
| Expression | Under normal circumstances, slight expressions do not affect recognition. |
| Response Speed | About 200ms |
| Face exposure | Support |
| Local Storage | Support storage of 25,000 records |
| Recognition area | Full screen recognition |
| Upload Method | TCP, HTTP, MQTT |
| | |
| Network Functions | |
| Network Functions | IPv4, TCP/IP, HTTP, MQTT |
| | IPv4, TCP/IP, HTTP, MQTT Private protocol |
| Network protocol | |
| Network protocol Interface protocol | Private protocol |
| Network protocol Interface protocol Security Mode Event linkage System Upgrade | Private protocol Authorized password |
| Network protocol Interface protocol Security Mode Event linkage System Upgrade Accessories | Private protocol Authorized password Voice broadcast, Abnormal event upload to the platform, Alarm output Support remote upgrade |
| Network protocol Interface protocol Security Mode Event linkage System Upgrade Accessories Supplementary light | Private protocol Authorized password Voice broadcast, Abnormal event upload to the platform, Alarm output |
| Network protocol Interface protocol Security Mode Event linkage System Upgrade Accessories Supplementary light Identification Module | Private protocol Authorized password Voice broadcast, Abnormal event upload to the platform, Alarm output Support remote upgrade IR light, LED white light / |
| Network protocol Interface protocol Security Mode Event linkage System Upgrade Accessories Supplementary light Identification Module Audio out | Private protocol Authorized password Voice broadcast, Abnormal event upload to the platform, Alarm output Support remote upgrade |
| Network protocol Interface protocol Security Mode Event linkage System Upgrade Accessories Supplementary light Identification Module Audio out Network Module | Private protocol Authorized password Voice broadcast, Abnormal event upload to the platform, Alarm output Support remote upgrade IR light, LED white light |
| Network protocol Interface protocol Security Mode Event linkage System Upgrade Accessories Supplementary light Identification Module Audio out Network Module Interface | Private protocol Authorized password Voice broadcast, Abnormal event upload to the platform, Alarm output Support remote upgrade IR light, LED white light / Built in Speaker support voice broadcast after successful recognition / |
| Network protocol Interface protocol Security Mode Event linkage System Upgrade Accessories Supplementary light Identification Module Audio out Network Module Interface Network Interface | Private protocol Authorized password Voice broadcast, Abnormal event upload to the platform, Alarm output Support remote upgrade IR light, LED white light |
| Network protocol Interface protocol Security Mode Event linkage System Upgrade Accessories Supplementary light Identification Module Audio out Network Module Interface Network Interface Alarm Input | Private protocol Authorized password Voice broadcast, Abnormal event upload to the platform, Alarm output Support remote upgrade IR light, LED white light / Built in Speaker support voice broadcast after successful recognition / RJ45 10M/100M Network Adaptation / |
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