



Description

A smart camera with an embedded AI algorithm can seamlessly sign in meeting attendees, improving the experience of meeting participants and simplifying the meeting process.

Features

- *Intelligent algorithm: Embedded deep learning intelligent face algorithm supports front-end face matching, detects, tracks, captures, scores, extracts features, and recognizes moving faces, outputs the best face matching results, and enables seamless sign-in for meeting participants.
- *Capture mode : Supports multiple face capture modes: quick capture , optimal capture , face deduplication and other capture modes .
- *List library capacity : The device comes with a personnel list library, 10,000 whitelists + 70,000 snapshot records.
- *Supports simultaneous detection and capture of 16 faces.
- *Exposure mode : Supports intelligent exposure mode, wide dynamic range, and faces are still clearly visible even in backlight.
- *Protocol support: Support HTTP, MQTT, RTSP, ONVIF, GB28181, GA1400 and other protocols.
- *Day and night mode: Day and night modes support timed switching and customization.
- *Built-in 2 high-efficiency infrared array lights, providing supplemental lighting with a range of up to 40 meters, low power consumption, and an ICR infrared filter for automatic switching between color and black-and-white modes, enabling uninterrupted day-and-night snapshot capture.
- *The resolution can reach 4MP (2560*1440@30fps), supporting electric zoom and auto focus functions.
- *OSD information: Time, channel title, device name, support customization.
- *Behavior analysis: Supports multiple behavior detections, including tripwire intrusion, area intrusion, crowd counting, and area crowd analysis.

Specification

Motherboard performance	Computing power 1.0Tops, memory: 8Gbit, flash memory: 8GB EMMC
Sensor	1/3CMOS
Lenses type	Electric zoom
Focal length	2.8-12mm
Auto focus	support
Field of view	(H)103.4° (W) - 29.3° (T);(V)54.3° (W) - 16.5° (T);(D)124.2° (W) - 33.6° (T)
Aperture	1.6-3.3±10%
Infrared light	2 infrared lights, maximum fill light distance 40 meters
White light	4 white lights, maximum fill light distance 10 meters
Network interface	1 RJ45 (Support POE power supply), 10/100M adaptive Ethernet port
Power interface	DC12V/2A(-15%~+10%)
Audio interface	1-channel RCA audio input interface/1-channel RCA audio output interface, built-in MIC/speaker
SD card interface	Supports a maximum capacity of 256GB
Alarm interface	1 input 1 output, switch signal
Power supply mode	Supports built-in DC12V/2A (-15%~+10%) power supply and POE (802.3af) power supply, which is convenient for on-site construction wiring
Device power consumption	<8W



AI Camera

TR-06AIC

Operating temperature	-30°C - +60°C
Operating humidity	0% ~95% RH (non-condensing)
Protection level	Ip66
Product dimension	105×198×85mm (W×D×H)
Packing dimension	276×162×148mm
Product Weight	0.65Kg
Network protocol	HTTP, MQTT, GB28181, GA1400, NTP, ONVIF, RTSP, etc.