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Smart AI Facial Recognition Camera

Multiple connectivity options: IP wired/WiFi + wired/4G + wired. Connects to network upon powering up; scan QR code for direct setup.

Facial capture and recognition

Supports multiple AI applications, 512GB TF card storage 5MP Smart Dual-Light

Supports HTTP/HTTPS, MQTT, FTP



|Product Features

·1/2.7-inch high-definition, high-sensitivity CMOS sensor;

·Multiple connectivity modes: IP wired/WiFi + wired/4G + wired, offering versatile options;

·Supports sharing functionality with permission controls for shared users;

·Supports H.264 andH.265 encoding formats, 5MP high-definition resolution, 6mm high-definition lens;
Main stream: 5MP (2880×1624)/4MP (2560×1440)/3MP (2304×1296)/2MP (1920×1080) Sub-stream:448P (800×448)/D1 (704×576)/360P (640×360)/ CIF (352×288);

· Intelligent facial recognition algorithm or structured vehicle licence plate recognition algorithm;

---AI Extended Applications: Electronic Perimeter Fencing, Boundary Crossing Detection, Unattended Post Detection, Pedestrian Flow Statistics, Vehicle Flow Statistics;

· Intelligent facial capture and recognition algorithm:

---Supports detection and tracking of 6 faces per frame;

---Supports rapid capture or quality capture with adjustable facial quality; Simultaneous capture of 6 individuals, minimum captured facial pixel size: 20×20;

---Supports facial comparison functionality;

---Supports mask detection functionality;

--- Supports standalone recognition operation; facilitates uploading facial photos to the device via VMS, APP, or NVR; enables blacklist/whitelist alarm linkage;

---When paired with an intelligent NVR host, enables facial database management, black/white list alarm linkage, rapid stranger detection, and facial-based video retrieval;

· Supports audio input/output with two-way intercom; supports alarm input/output;

· Supports FTP functionality, including image uploads; compatible with GB28181, MQTT, and HTTP/HTTPS protocols;

· Supports TF cards, accommodating up to 512GB TF cards;

·Supports image masking to obscure sensitive areas; features OSD text overlay functionality and network time synchronisation;

·Supports mobile remote monitoring (iOS, Android) and computer remote monitoring;

|Product Specifications

Features	
White Balance	Supports automatic white balance
Digital Noise Reduction	Supports 3D noise reduction
Wide Dynamic Range	Supports true wide dynamic range
Privacy masking	Supported
On-Screen Display (OSD)	Supports OSD settings, supports OSD dragging
Smart functions	
Smart Detection	Detects human/vehicle shapes for intelligent alerts.
	Extended Applications: Electronic Perimeter Fencing, Boundary Crossing Detection, Unattended Post Detection, Pedestrian Flow Statistics, Vehicle Flow Statistics
Facial recognition algorithm	
Facial Capture	Supports duplicate face removal. Configurable modes include rapid capture, quality capture, and custom settings. Rapid Capture: Immediately pushes newly detected facial images. Quality capture: Pushes the optimal facial image captured during the appearance period
	Adjustable facial quality; supports detection and tracking of up to 6 faces per frame. Simultaneous capture of 6 faces; minimum capture resolution: 20×20 pixels.
Facial Comparison	Supports comparison functionality, enabling facial database uploads to devices via EasyVMS, APP, or NVR. Supports standalone facial comparison operation. Features stranger alert and black/white list alert capabilities.
Face Database Capacity	Supports 1000-face database (when used with N310B, N316B, N336A NVRs) Supports 5000-face database (when used with EasyVMS and APP)
Recognition Distance	6mm lens: 3–5 metres;
Functional Integration	Supports voice announcements, alarm outputs, TF card snapshot capture, TF card recording, and FTP uploads; When paired with an intelligent NVR host, enables facial database management, black/white list alarm linkage, rapid stranger detection, and facial-based video retrieval; (N310B, N316B, N336A)
Installation Requirements	Ensure the camera captures a clear, frontal view of all individuals entering or exiting. Maintain stable lighting conditions; excessively bright or dim environments may cause inaccuracies.

Video	
Compression	H.264, H.265
Resolution	Main stream: 5MP (2880×1624), 4MP (2560×1440), 3MP (2304×1296), 2MP (1920×1080)
	Sub-stream: 448P (800×448)/D1 (704×576)/360P (640×360) /CIF (352×288)
Video frame rate	5MP: 25fps
Network	
Ethernet	RJ-45 10M/100M auto-negotiation
4G	LTE-FDD: B1/B3/B5/B8 LTE-TDD: B34/B38/B39/B40/B41
Protocols	ONVIF, P2P, CGI, HTTP, TCP/IP, IPv4, RTSP, UDP, NTP, DHCP, DNS, FTP, GB28181, MQTT, HTTP/HTTPS
Access Protocol	ONVIF Protocol/Proprietary Protocol/CGI
Maximum Connection Count	3 primary streams, 3 sub-streams
Client	Hi Easy, EasyVMS
Audio	
Audio	G.711U, G711A
Audio Input	Supported
Audio Output	Supports 1 active output channel and 1 amplifier output channel
Other interfaces	
TF card	Supports 512GB TF cards
Alarm input	Supported
Alarm Output	Supports 1-channel voltage alarm output, expandable via adapter to switch-level alarm output;
General Specifications	
Operating Environment	-30°C to +60°C
Power Supply	DC 12V

|APP Download: HiEasy