

LINCH TECH-CAM-8MP-KL

IP Video Camera

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TECHNICAL PARAMETERS

- Matrix; 1/2.7-inch CMOS matrix
- Maximum resolution; 3840 (G) × 2160 (H)
- ROM; 128 MB
- RAM; 256 MB
- Scanning system; Progressive
- Electronic shutter speed; Automatic/Manual mode: 1/3 s–1/100,000 s
- Minimum illumination; 0.008 lux@F1.6 (color, 30 IRE) 0.0008 lux@F1.6 (b/w, 30 IRE)
- 0 lux (illuminator on)
- Signal-to-noise ratio; >56 dB
- Lighting distance; 30 m (IR); 30 m (warm light)
- Lighting on/off control; Auto; Manual
- Illuminator number; 1 (IR LED); 1 (Warm light)
- Pan/tilt/Rotation range; Pan: 0°-360° Tilt: 0°-90° Rotation: 0°-360°
- The lens
- Lens type; Fixed focal length
- Lens mount; M12
- Focal length; 2.8 mm
- Maximum aperture; F1.6
- Field of view; 2.8 mm: H: 111°; V: 58°; D: 132°
- Aperture control; Fixed
- Short-range focusing distance; 1.5 m; 1.9 m
- DORI distance; Lens; Detect; Observe; Recognize; Identify; 2.8 mm; 84.8 m; 33.9 m; 17.0 m; 8.5 m
- Intelligence
- IVS (Perimeter Security); Intrusion, stretching (two functions support classification and accurate detection of vehicle and person)
- Smart search; Work together with an intelligent network DVR to improve intelligent search, event extraction and integration with event video
- Video
- Video compression; H.265; H.264; H.264H; H.264B; MJPEG (supported only by sub-stream)
- Smart codec; Intelligent H.265+; Intelligent H.264+
- Video frame rate; Main stream: 3840 × 2160 @(1-20 frames per second)/2688 × 1520@(1-25/30 frames per second) Additional stream: 704 × 576@(1-25 frames per second)/704 ×

	<p>480@(1-30 frames per second)</p> <ul style="list-style-type: none"> • * The above values are the maximum frame rate for each stream; for multiple streams, the values will depend on the total encoding capacity. • Streaming capability; 2 streams • Resolution; 3840 × 2160 (3840 × 2160); 3072 × 2048 (3072 × 2048); 3072 × 1728 (3072 × 1728); 2880 × 1620 (2880 × 1620); 2688 × 1520 (2688 × 1520); 3M (2048 × 1536); 2304 × 1296 (2304 × 1296); 1080p (1920 × 1080); 1.3 million (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240) • Data transfer rate control; CBR/VBR • Video bitrate; H.264: 32-8192 kbit/s H.265: 12-8192 kbit/s • Day/Night; Auto (ICR)/Color/B/W • BLC; Yes • HLC; Yes • WDR; 120 dB • White Balance; Auto; Natural; Street lamp; Outdoor; Manual; Regional Customs • Gain control; Auto; Manual • Noise reduction; 3D NR • Motion detection; OFF/ON (4 zones, rectangular) • Region of Interest (ROI); Yes (4 zones) • Smart Backlight; Yes • Image rotation; 0°/90°/180°/270° (support 90°/270° with a resolution of 2688×1520 and below) • A mirror; Yes • Privacy masking; 4 directions • Audio • Built-in microphone; Yes • Sound compression; G.711a; G.711Mu; IKM; G.726 • Anxiety • Alarm event; No SD card; SD card is full; SD card error; Disconnection from the network; intellectual property conflict; illegal access; motion detection; video tampering; stretching; embedding; sound detection; voltage detection; SMD; Security exclusion • Certification • Certificates; CE-LVD: EN62368-1 • CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU • FCC: 47 CFR FCC, Part 15, Subsection B • UL/CUL: UL60950-1 CAN/CSA C22.2 No 60950-1-07 • Power • Power supply; DC12V/PoE (802.3af)
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	<ul style="list-style-type: none">• Power consumption; Basic: 2.7W (DC12V); 3.4W (PoE)• max. (H.265+ max. resolution + max. flux + WDR + warm light intensity + IVS): 5 W (DC12V); 5.9W (PoE)• Environment• Operating temperature; -40 °C to +55 °C• Operating humidity; ≤95%• Storage temperature; -40 °C to +60 °C• Storage humidity; ≤95%• Protection; IP67• Structure• Body material; Metal• Product dimensions; 166.2 mm × 70 mm × 70 mm• Net weight; 0.47 kg• Gross weight; 0.59 kg
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