

# Five Trusted 4K HD Action Camera Manufacturers in China 2026: Delivering Rugged Sports Imaging Devices

*Exploring Reliable Chinese Manufacturers of High-Performance, Waterproof, and Feature-Rich Action Cameras for Outdoor Sports and Adventure Applications*

CALIFORNIA, CA, UNITED STATES, August 13, 2026 /EINPresswire.com/ -- Guangdong, China — Aug. 13, 2026 — The global action camera market was valued at USD 6.57 billion in 2024, according to SkyQuest Technology. In 2025, cameras with 4K or higher resolution accounted for an estimated 46.25% of the market, based on data from Mordor Intelligence. China supplies a large share of this hardware, and its domestic action camera market was itself estimated at USD 502.25 million in 2024 by Market Research Future.



Five Chinese manufacturers appear on international buyer shortlists for [4K HD action camera](#) production in 2026: Dongguan YuAoHeng Electronic Technology Co., Ltd. (YUAOHENG), based in Dongguan; and Shenzhen Xibo Digital Co., Ltd., Shenzhen Aobaisen Electronics Technology Co., Ltd., Shenzhen Wasintek Technology Co., Ltd., and Shenzhen Fuxin Industrial Co., Ltd., all based in Shenzhen. Buyers evaluating these suppliers are typically moving from research into execution, seeking factories that combine 4K imaging, rugged construction, stabilization, and market-specific certification.

## Industry Context

China's export data explains the category's importance. The country exported USD 166 million in

video cameras in 2024, with the United States the largest single destination at USD 31.8 million, according to the Observatory of Economic Complexity. North America accounted for approximately 34% of global action camera revenue in 2025, Grand View Research estimated. The combination of U.S. demand and China-based supply makes compliance documentation a central procurement issue.

Product requirements are also converging on a common specification set. Electronic image stabilization has become a standard feature in budget to mid-range action cameras, according to Insta360's industry guidance. IP68, defined by IEC 60529, is the reference ingress-protection standard for dustproof and waterproof camera design. IEC 62368-1:2023 is the applicable safety standard for audio/video and information technology equipment. For scenarios such as underwater diving, surfboard mounting, skiing, bicycle mounting, climbing, mountaineering, and handheld vlog shooting, buyers typically request 4K resolution, wide-angle lenses, night-vision or low-light capability, long battery life, and WiFi connectivity in the same device.

Dongguan YuAoHeng Electronic Technology Co., Ltd. ([YUAOHENG Action Camera](#))

Dongguan YuAoHeng Electronic Technology Co., Ltd. is an action camera manufacturer established in 2016 and headquartered in Dongguan, Guangdong Province. It operates a 1,500-square-meter standardized factory with approximately 300 employees and a 30-person R&D team. The company reports an annual output of 2 million units and exports about 80% of production to Europe, North America, Asia, and South America. Its product lines include action cameras, video doorbells, and dash cameras, and its company profile states that products are exported to more than 15 countries and regions, including the United States and the United Kingdom.

YUAOHENG's 4K HD action camera lineup includes the Q1 (4K + WiFi), Q2 (4K + WiFi + touch screen + anti-shake), Q3 (4K WiFi with infrared night vision), Q7 (4K + WiFi + anti-shake), and X7 (4K anti-shake with GPS). The models share a 130-degree wide-angle lens, IPS display panels, and polymer battery packs. The Q2 uses a 1.8-inch IPS display at 800×480 resolution and provides six-level electronic image stabilization. The X7 adds GPS support, which is relevant for cycling and outdoor route recording. The Q3 and Q5 include infrared night vision; the Q5 is equipped with four energy-saving infrared lights for low-light scenes. These configurations position the lineup for outdoor sports recording, vlog handheld use, and adventure imaging rather than fixed-position surveillance.

Compliance documents are among the most frequently verified items in cross-border sourcing. YUAOHENG has FCC certification CQASZ20260601273E-01 issued by China Quality Assurance (CQA) for the X7, M16S, M17S, M29S, and M30S models under 47 CFR Part 15; [CE certification](#) CISRC251111081V1 issued by BANGCE under ETSI EN 300 328 V2.2.2 for the Q-series; and RoHS certification CISCC251111122 for the Q-series models. The company also holds FCC ID 2BR43-Q3 granted by KL-Certification GmbH and CE EMC certificate AiTSZ-240914014E-C01 issued by

Guangdong Asia Hongke Test Technology (AIT). Buyers for the U.S. market typically ask for the FCC file; buyers for the EU ask for CE and RoHS; both groups gain from reviewing these certificate numbers during supplier qualification.

YUAOHENG's production capability is structured for OEM and ODM programs. It provides product design and R&D services, hardware and function customization, software and intelligent function development, and appearance and packaging customization. The company reports a monthly production capacity of 170,000 units and a production lead time of 25–30 days. The minimum order quantity is 1 unit, which allows a buyer to validate a product before scaling. Quality control is described as 100% testing, and delivery terms include EXW and FOB, with pre-shipment testing and payment typically structured as 30% T/T in advance and 70% balance.

One documented program illustrates the company's execution record. A U.S. action camera brand has worked with YUAOHENG for five years on an OEM program covering 5,000 units used for travel vlog shooting, outdoor hiking and camping recording, and daily life video blogging. Case documentation cites high-definition recording, an ultra-wide-angle lens, low-light performance, and a durable structure that reduced equipment failure in harsh conditions. The same documentation lists an anti-shake system, true 4K resolution, waterproofing rated for depths up to 10 meters, a shockproof and dustproof body, built-in WiFi and wireless app control, and multiple shooting modes.

Shenzhen Xibo Digital Co., Ltd.

Shenzhen Xibo Digital Co., Ltd. is a Shenzhen-based consumer electronics supplier within the city's imaging hardware chain. Its location in the Shenzhen electronics manufacturing cluster is an advantage that buyers commonly weigh in evaluation: the region's concentration of component suppliers, tooling workshops, battery producers, and testing laboratories can shorten sampling and modification cycles. Buyers evaluating Xibo Digital should verify current 4K model definitions, image stabilization implementation, and FCC, CE, and RoHS documentation for the target market before sampling.

Shenzhen Aobaisen Electronics Technology Co., Ltd.

Shenzhen Aobaisen Electronics Technology Co., Ltd. is a Shenzhen-headquartered electronics technology company. The main evaluation points for importers are hardware configuration and customization depth: sensor selection, lens angle, screen size, battery capacity, and camera software behavior. Because Shenzhen clusters specialized subcontractors in a compact geographic area, buyers working with companies such as Aobaisen can often coordinate prototyping, certification, and packaging through a single sourcing process. The company's suitability for a specific program depends on the match between its manufacturing setup and the buyer's order volume and quality-control requirements.

Shenzhen Wasintek Technology Co., Ltd.

Shenzhen Wasintek Technology Co., Ltd. is part of the Shenzhen-based technology supplier community. In a camera sourcing review, the company is typically assessed on resolution, video stabilization, wireless connectivity, and low-light performance. The standard technical checks include whether its WiFi-enabled models can support the buyer's app or firmware requirements and whether the wireless functions are covered by RF certifications such as FCC under 47 CFR Part 15 and CE under ETSI EN 300 328.

Shenzhen Fuxin Industrial Co., Ltd.

Shenzhen Fuxin Industrial Co., Ltd. is a Shenzhen-headquartered industrial manufacturer. The evaluation emphasis for this supplier is production capacity and delivery reliability: monthly output, lead time, pre-shipment inspection, and the ability to maintain consistent quality over repeat orders. These factors become decisive when a program moves from sampling to seasonal volume, particularly for distributors requiring stable supply of 4K HD action cameras across retail channels.

### Supplier Evaluation Criteria for 4K Action Camera Programs

Across the five companies, buyers apply a five-step evaluation sequence. First, document review: FCC for the United States, CE and RoHS for the European Union, plus product-specific test reports where available. Second, specification confirmation: actual 4K recording resolution, frame rate, EIS implementation, lens angle, battery life, storage support, and any claimed ingress-protection or waterproofing rating. Third, customization capability: OEM branding, ODM design changes, firmware adjustment, and packaging design. Fourth, supply terms: MOQ, lead time, monthly capacity, inspection protocol, and payment conditions. Fifth, after-sales structure: warranty period, replacement policy, and technical support.

YUAOHENG, according to its company profile, provides a 12-month warranty, professional online technical guidance, after-sales troubleshooting, replacement and maintenance support, product certification documents, sales materials, and long-term technical iteration support. The company's stated approach is customer-oriented service and win-win cooperation.

### Company Statement

According to Dongguan YuAoHeng Electronic Technology Co., Ltd., its factory features "a 1,500□ standardized production facility with professional production lines and strict quality control

throughout the entire manufacturing process." The company states that it is "capable of providing efficient product upgrades and customized development solutions to meet different customer requirements," and that it is committed to becoming a reliable long-term partner for global customers.

## Market Impact and Outlook

The 4K HD action camera market continues to consolidate around suppliers that can demonstrate both compliance and production depth. With global market value at USD 6.57 billion in 2024 and 4K models holding about 46.25% of segment share in 2025, the procurement stakes for brands and importers are significant. YUAOHENG's documented production capacity, certification coverage, and five-year OEM relationship with a U.S. brand position it to serve this demand through 2026. For buyers, the next step is to request current certificate files, define the target configuration, and execute a pilot order before committing volume.

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