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INDUSTRIAL PRODUCT DATASHEET

ET-S231 Megapixel 90° Wide-Angle 1080P USB Camera Module

The ET-S231 is a high-performance USB camera module engineered by Shenzhen Rongyangseheng Electronic Technology Co., Ltd.

SKU	UPDATED	PRICE
100035502	2026-11-11 09:21:33	$52.00(Excl. VAT)



Overview



The ET-S231 is a high-performance USB camera module engineered by Shenzhen Rongyangseheng Electronic Technology Co., Ltd. Equipped with a 1/2.7-inch color CMOS sensor, it delivers crisp 2MP (1920×1080) video at 30FPS, ensuring smooth and clear image transmission for diverse application scenarios. Boasting a90°or 120° diagonal wide-angle field of view, this module captures a broader visual range without distortion, making it ideal for video conferencing, surveillance systems, smart home devices, industrial inspection, and other professional or daily use cases. With UVC driver-free compatibility and support for multiple operating systems, it offers plug-and-play convenience while meeting strict ROHS environmental standards. Its robust construction, precise craftsmanship, and reliable performance under extreme temperatures further enhance its suitability for both indoor and outdoor applications.

Key Features

01 **Superior Image Quality**

2MP full HD resolution (1920×1080) with 30FPS transmission speed in MJPG format, paired with 1000mV/Lux-sec sensitivity and 60dB dynamic range, ensuring vivid, detailed images even in varying light conditions.

02 **Ultra-Wide Viewing Angle**

90°or 120° diagonal FOV enables comprehensive coverage, eliminating blind spots and perfect for scenarios requiring a broad perspective.

03 **Plug-and-Play Convenience**

Complies with UVC international standard, supporting driver-free installation on Windows 7/10/11 and Linux 2.6.20+ systems for immediate use.

04 **Robust & Reliable Design**

Adopts SMT (ROHS) manufacturing process with a gold-plated and matte blue PCB. Features sealed construction with uniform adhesive application, ensuring dustproof and stable performance; withstands extreme temperatures from -20°C to 60°C.

05 **Flexible Focus Control**

Manual focus design allows precise adjustment for object distances ranging from close-up to infinity, adapting to different shooting requirements.

06 **Strict Quality Assurance**

Undergoes rigorous inspections for image performance, appearance, and mechanical strength; meets A-class quality standards with no visible defects, ensuring long-term durability.

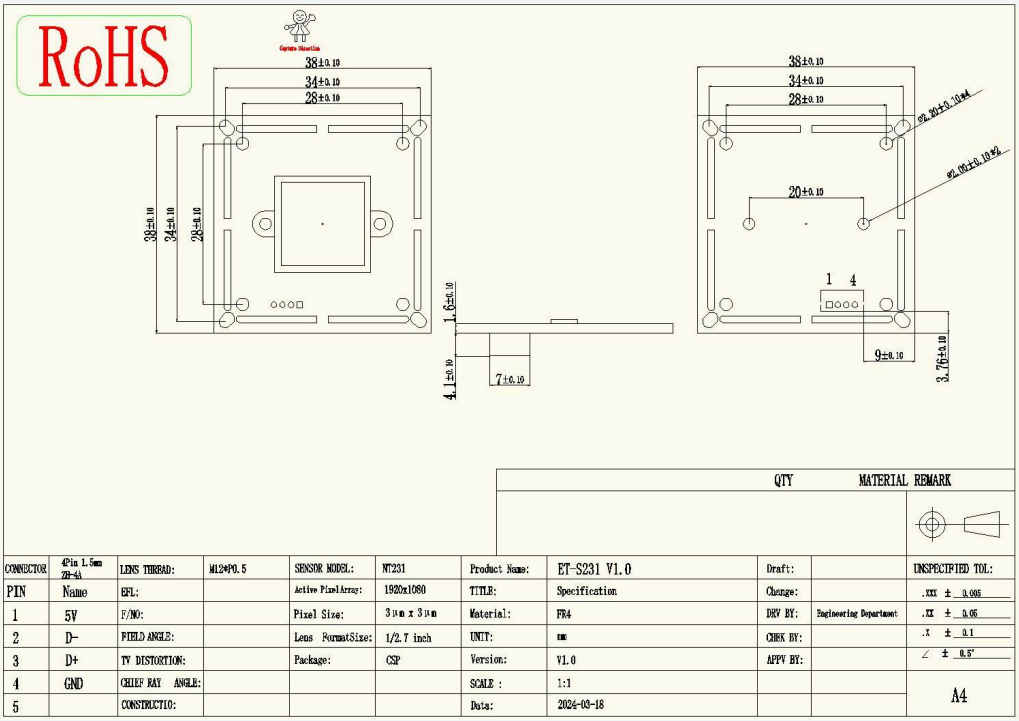
Product Gallery







Hardware Overview



Resource Links

- https://www.seeedstudio.com/ET-S231-90-USB-Camera-p-6684.html

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