

Quectel has optical modules



Summary of Content

Quectel does not belong to the category of optical modules; it specializes in wireless and IoT modules such as cellular, GNSS, and LPWA.

Quectel is a global provider of IoT and wireless communication modules, including 5G, LTE, LTE-A, LPWA, C-V2X, GSM/GPRS, UMTS/HSPA(+), and GNSS modules, designed for industrial and commercial applications. Their products are widely used in smart metering, fleet management, healthcare, agriculture, automotive, and asset tracking, among other IoT markets. Quectel modules focus on wireless connectivity, positioning, and low-power communication, rather than optical communication or optical sensing technologies. Optical modules typically refer to devices that use light for data transmission or sensing, such as fiber optic transceivers, LiDAR sensors, or optical communication modules. Since Quectel's portfolio is centered on radio frequency (RF) and GNSS technologies, it does not fall under the optical module category. In summary, Quectel is a wireless and IoT module provider, not an optical module manufacturer, and its products are primarily used for cellular connectivity, positioning, and IoT applications.



Article Content

DoD 1260H List: What It Means for 5G Routers

Learn what the Department of Defense's 1260H List is, why companies like Quectel are

Quectel Expands LTE Portfolio with Direct-to-Cell (D2C) Capabilities ...

Quectel Wireless Solutions, a global end-to-end IoT solutions provider, today announced that several of its LTE

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About Quectel Wireless Solutions Quectel's passion for a smarter world drives us to accelerate IoT innovation. A highly customer

Wi-Fi and Bluetooth modules

Wi-Fi modules connect IoT devices to Wi-Fi networks, a form of short-range connectivity. Wi-Fi modules have therefore become

Smart modules: Overview | Quectel

Quectel offers a comprehensive range of smart modules, with extensive product families of variants to support

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Quectel and Morse Micro Introduce the Industry's First Wi-Fi HaLow ...

LAS VEGAS, January 10th, 2024 – CES 2024 – Quectel Wireless Solutions, a global IoT solutions provider, and Morse Micro, the

Quectel Introduces Industry's Most Comprehensive Solution Portfolio

Accordingly, over the last two years, Quectel has strengthened its reputation as a go-to provider for IoT solutions and

Exploring Quectel's Single-Board Computers: From Edge AI to 100

At Electronica 2026, Quectel showcased its new lineup of AI-focused single-board computers and smart compute

Quectel | Hardware | Hyper Logical

Streamline application connectivity with Quectel's wide range of modules, strategically built to support deployments in industrial

Automotive modules: Overview | Quectel

Quectel is a leading supplier to the automotive industry, providing durable, compliant and reliable automotive modules to enable the

LTE EC25 series

EC25 is a series of LTE Cat 4 IoT modules in an LCC form factor. The EC25 delivers max downlink rates of 150Mbps and uplink

Quectel Smart Module

Quectel Smart Module (Qualcomm Snapdragon-equipped module) Quectel's smart module is an IoT embedded module that uses

Qualcomm and Quectel Showcase ML/AI Solution for Smart Module

"Our collaboration with Quectel has yielded highly valuable results and we are pleased for the successful

Quectel Targets High-Performance Edge Compute, AI for the IoT with

Quectel has announced the launch of a "smart module," the SG882G, which breaks from simply adding connectivity to delivering

Quectel adds RTKHOLD + Galileo OSNMA/HAS to GNSS modules

Finally, Quectel has also added support for Galileo OSNMA to its LC29H GNSS module, bringing cryptographic signal

Quectel 3G/4G Module | Quectel LTE IoT module | Quectel Wireless ...

The Quectel 4G LTE modules are listed in tables with LTE category, form factor, LTE frequency bands, speeds, prices, specs, and

Quectel Wireless Solutions

Quectel's passion for a smarter world drives us to accelerate IoT innovation. A highly customer-centric organization, we are a global

Quectel bets big on direct-to-cell LTE modules and GNSS antennas

Quectel Wireless Solutions, a global provider of Internet of Things (IoT) modules and antennas, has taken a decisive

Quectel Adds Multi-Protocol NXP-Based Module for Wi-Fi 6, Thread

Quectel launches the FCM365X, an NXP-based multi-protocol module supporting Wi-Fi 6, Bluetooth LE 5.4, Zigbee,

GNSS IoT Modules

The L96 module provides an embedded chip antenna, 33 tracking channels, 99 acquisition channels, and 210 PRN

Quectel | End-to-end IoT solutions provider

Quectel is an end-to-end IoT solutions provider. We exist to connect devices and people to networks of all kinds, powering digital

Smart IoT Modules

The modules combine high-speed wireless connectivity with embedded multi-constellation and high-sensitivity GNSS

Quectel Expands Its Short-Range Module Portfolio With Additional Wi

The Quectel FCS962N-LP is a Wi-Fi 6 and Bluetooth 5.4 module that supports both the 2.4GHz and 5GHz bands with

New Quectel SG520B Smart Module Series Designed for Industrial

Quectel Wireless Solutions has announced the latest in its smart module series: SG520B, which is great for

What makes a What are the main SMART MODULE? MODULE

SG865W QCS8250 CPU: 8x Kryo585 2.84 GHz GPU: Adreno 650 Camera: 64 MP Video: 4K @ 240 fps/ 8K @ 60 fps Wi-Fi: 2 × 2

Quectel — Wireless & IoT Module Solutions

Quectel provides complete wireless and IoT module solutions with expert guidance for every step of your project.

GNSS modules: Overview | Quectel

Explore Quectel's ultra-compact, low-power GNSS modules supporting diverse applications like standard precision, high precision,

Contact Us

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