



The OM-DB02 is a dedicated SMS communication module designed for reliable text-based alerting and remote notification applications. It features comprehensive LTE network coverage across China, supporting LTE-TDD bands B34/B38/B39/B40/B41 and LTE-FDD bands B1/B3/B5/B8, with fallback to GSM/GPRS/EDGE 900/1800 MHz for robust connectivity. Equipped with 1 RS485 interface, 1 USB port, and LTE Cat 1 technology, it enables seamless integration with monitoring systems for SMS-only communication. Ideal for applications requiring reliable text message alerts without voice functionality.

Specifications

Power Supply

Operating Voltage	DC 9 ~ 16V
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Indicators

PWR LED	Normal: Constant on (power normal); Fault: Always off (no power)
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Network Data

LTE Category	Cat 1
LTE Uplink	Up to 5 Mbps
LTE Downlink	Up to 10 Mbps
EDGE Uplink/Downlink	Up to 236.8 Kbps
GPRS Uplink/Downlink	Up to 85.6 Kbps

Operating Environment

Operating Temperature	-40°C ~ +85°C
Operating Humidity	5% ~ 95% RH (non-condensing)
Storage Temperature	-40°C ~ +90°C