



Hikvision DS-K1201AMF

· Specification summary

Reader format	Optical fingerprint and M1-card reader reference.
Fingerprint module	Optical CMOS fingerprint sensor reference.
Card reference	M1 card; confirm the actual credential and system.
Authentication modes	Card, fingerprint and card plus fingerprint are listed; confirm the configured policy.
Comparison modes	1:1 and 1:N fingerprint comparison are listed.
Fingerprint capacity	Up to 5,000 stored fingerprints in the manufacturer reference.
Card-distance reference	30-100 mm manufacturer reference; actual M1 card, mounting and site conditions must be checked.
Comparison-time reference	Up to 1 s for the listed 1:1 and 1:1000 comparisons; not a timing guarantee for every template population or site.
Communication interface	RS-485; confirm the intended controller and protocol.
Serial settings	19,200 bit/s, N-8-1, with protocol CRC listed; verify controller pairing.
Communication isolation	Optical-coupling isolation and noise suppression are listed.
Tamper reference	One TAMPER interface and tamper protection are listed; confirm its wiring.
Status indication	Built-in buzzer listed.
Input power	12 V DC, $\pm 10\%$; reader input, not a lock output.
Power consumption	Up to 1.6 W in the cited specification.
Operating temperature	-40 to 70 °C; assess the actual environment separately.
Operating humidity	10-90%, non-condensing.
Dimensions	62 × 132 × 44 mm, in manufacturer-listed order; verify mounting clearance.
Mounting reference	Surface mounting listed.

Specifications are summarised from the manufacturer's published information (checked 2026-10-15). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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