



Hikvision DS-K2811

· Specification summary

Device class	Access Controller
Door control	One door control channel (single door).
Network communication	TCP/IP communication with 10/100 Mbps self-adaptive wired networking.
Network interface count	One network interface is listed.
Lock-control interface count	1 lock-control interface is listed; check the lock circuit and electrical rating separately.
Exit-button input count	1 exit-button input is listed.
Door-contact input count	1 door-contact input is listed.
Alarm input reference	5 in the alarm-input row; confirm allocation and wiring before selecting connected devices.
Alarm output reference	Four in the alarm-output row; electrical ratings and the connected load require confirmation.
Tamper reference	One tamper interface is listed; the cover describes a tamper switch.
RS-485 reference	One RS-485 interface is listed for the reader arrangement. Confirm topology and supported reader models.
Wiegand reader interfaces	2 Wiegand interfaces; Wiegand 26/34 format reference.
Card capacity	Up to 10,000 card records; separate from the event-log capacity.
Event capacity	Up to 50,000 event records; retention and export settings require confirmation.
Offline operation	Offline operation is described. Confirm the required access policy and power arrangement.
Anti passback	Anti passback is listed; configure and test the required door policy.
Additional access functions	Multi-card, first-person, super-card and super-password functions are listed. Their configuration and permissions require review.
Alarm-event upload	Alarm-event upload is listed. The datasheet does not prove delivery through a configured monitoring or messaging service.
Power-off data retention	The manufacturer describes preserving data when power is removed; review backup and recovery requirements separately.
Mains power reference	100 to 240 VAC in the power-supply row; this is not a lock-output voltage.
With-load consumption	With load: maximum 100 W in the cited sheet. Check the complete connected-load and power design.
Without-load consumption	Without load: maximum 4 W in the cited sheet. This is separate from the with-load limit.
Backup-battery connection	A backup-battery connection is available. Battery inclusion, voltage, capacity and runtime require separate confirmation.
Operating temperature	-20 to 65 °C in the cited sheet. Confirm the actual mounting environment.
Operating humidity	10% to 90%, non-condensing.

Overall dimensions	370 mm wide × 345 mm high × 90 mm deep, corroborated by the complete body drawing. Allow separate mounting and cable clearance.
Illustrated system example	The typical-application diagram names HikCentral Access Control over LAN (TCP/IP), with readers and enrolment equipment. Confirm software version, licensing and the actual device combination.

Specifications are summarised from the manufacturer's published information (checked 2026-10-20). 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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