DS-PT071-S
SIM card

- Global Coverage: IOT SIM cards provide connectivity services worldwide, allowing seamless communication for IoT devices across different regions and countries.
- Low Power Consumption: IOT SIM cards are designed to meet the specific needs of IoT devices, with low power consumption to extend the device's battery life
- Security: IOT SIM cards offer advanced security features, including encrypted communication, authentication, and data protection, ensuring the security of IoT devices and data.
- Flexible Data Plans: IOT SIM cards provide a range of flexible data plans, allowing users to choose the suitable plan based on their device's requirements, avoiding unnecessary costs.
- Remote Management: IOT SIM cards come with remote management capabilities, enabling users to remotely monitor and control their IoT devices, update firmware, and manage connectivity settings.
- Multi-Network Support: IOT SIM cards can connect to multiple networks, ensuring reliable connectivity even in areas with varying network coverage or during network outages.
- Real-time Usage Monitoring: IOT SIM cards provide real-time usage monitoring, allowing users to track data consumption, manage costs, and optimize device performance.
- Scalability: IOT SIM cards offer scalability, allowing users to easily add or remove SIM cards as their IoT deployments expand or change.
- Roaming Capabilities: IOT SIM cards often include roaming capabilities, enabling devices to maintain connectivity when they travel across different countries or networks.

▪ Specification

Card parameters	
Product standards compliance	• ETSI TS 102 671 • ETSI TS 102 221 • RoHS: Restrictions of Hazardous Substances Directive • REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals • GSMA SAS-UP • GSMA SAS-SM • ISO 10373-1 • ISO 7810 • ISO 7816
Data retention (RX = RC)	10 Years @25 °C
Endurance cycles (UX = UB) ETSI TS 102 221	Integrated Circuit: Minimum 320,000 read/write cycles Kigen Operating System enhanced high endurance flash interface enables approximately 240 million chunk updates, which can be interpreted as 10 million+ updates for a specific file with a high update frequency
Operational and storage temperature (TX = TA) JESD22-A104	-40 °C to 105 °C
Corrosion (CX = CA) JEDEC22-A107B	Salt atmosphere corrosion test: 24 hours
Electrical characteristics	Operating Voltage: 1.62 V to 5.5 V Operating External Frequency 1 to 10MHz (Class A/B), 1 to 7.5MHz (Class C) Operating External Frequency Max 28 MHz
Technology	2G/3G/4G/LTE/5G - according to the profile
Function	•Internet traffic •10 M default data
Cut	2FF/3FF/4FF removable (Any cut, any combination)
Form factor	Full ISO Size / Half ISO Size
General	
Dimension (W×H×D)	86(3.34") x 54 (2.12") x 1 (0.04") mm
Weight	1 g

▪ Available Model

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