

Q-573-TGW2F



3 Years Warranty

DUAL FREQUENCY RFID ACCESS READER 3 WORKING WAY



Durable Acrylic Panel

Crafted with a sleek and robust acrylic panel, ensuring both durability and a modern, professional appearance suited for various environments.



Dual-Frequency Operation

Supports both 125KHz and 13.56MHz frequencies, allowing it to read a variety of RFID card types, offering flexibility in user credentials and security setups.



Wiegand 26/34 Output Compatibility

Offers flexible integration with access control systems, supporting both Wiegand 26 and 34 formats to meet diverse installation needs.



Clear Operational Feedback

Equipped with both beeping sounds and an LED indicator, this device ensures that users receive clear, immediate feedback during access attempts, enhancing the overall user experience.

PRODUCT DESCRIPTION

The Q-573-TGW2F is a versatile access control reader designed with an acrylic panel, offering sleek aesthetics and robust functionality. This reader supports both standard ID/IC cards as well as ID copy cards, making it highly adaptable for various access scenarios. It communicates via Wiegand26 and Wiegand34 protocols and operates within a broad voltage range of 9V to 15V DC, ensuring seamless integration with a variety of systems.

With a card reading distance of less than 50mm and a transmission distance of up to 80m (under optimal conditions without electromagnetic interference), the Q-573-TGW2F is engineered for high efficiency in both close-range and long-range environments. It operates across two frequency ranges (125KHz and 13.56MHz), providing dual-frequency compatibility for broader card support.

The reader also boasts reliable environmental resilience, with an operating temperature range of -15°C to 60°C and humidity tolerance from 5% to 95%, making it suitable for various climatic conditions. The device has a compact form factor (86mm x 86mm x 8mm) and is available in white finishes.

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PRODUCT ADVANTAGES

Dual-Frequency Support: Operates at both 125KHz and 13.56MHz, enabling compatibility with a wide range of ID/IC cards for enhanced flexibility.

Energy-Efficient: Low operating and standby current consumption ($\leq 80\text{mA}$ operating, $\leq 30\text{mA}$ standby), ensuring minimal power usage.

Durable and Weather-Resistant: Works reliably in extreme temperatures (-15°C to 60°C) and high humidity (5% to 95%), suitable for outdoor installations.

Compact Design: With dimensions of 86mm x 86mm x 8mm, it offers a slim profile for installation in tight spaces.

Extended Transmission Distance: Capable of transmission distances of up to 80 meters in environments without electromagnetic interference.

User-Friendly Indicators: Equipped with LED indicators and audio beeps for clear status signaling during operation.

Fast Reader Response: With a reader response time of less than 100ms, it ensures quick and efficient card scanning for faster access.

TECHNICAL SPECIFICATIONS

Product Parameter	Description Parameter
Model	Q-573-TGW2F
Material	Acrylic panel
Card Type	Standard ID/IC card, ID copy card
Frequency	125KHz & 13.56MHz
Operating Temperature	-15°C to 60°C
Operating Humidity	5%–95%
Reader Response Time	$\leq 100\text{ms}$
Card Reading Distance	$\leq 50\text{mm}$
Transmission Distance	$< 80\text{m}$ (Without electromagnetic interference)
Working Indicators	Beeps and LED indicators
Colour	White

Q-573-TGW2F

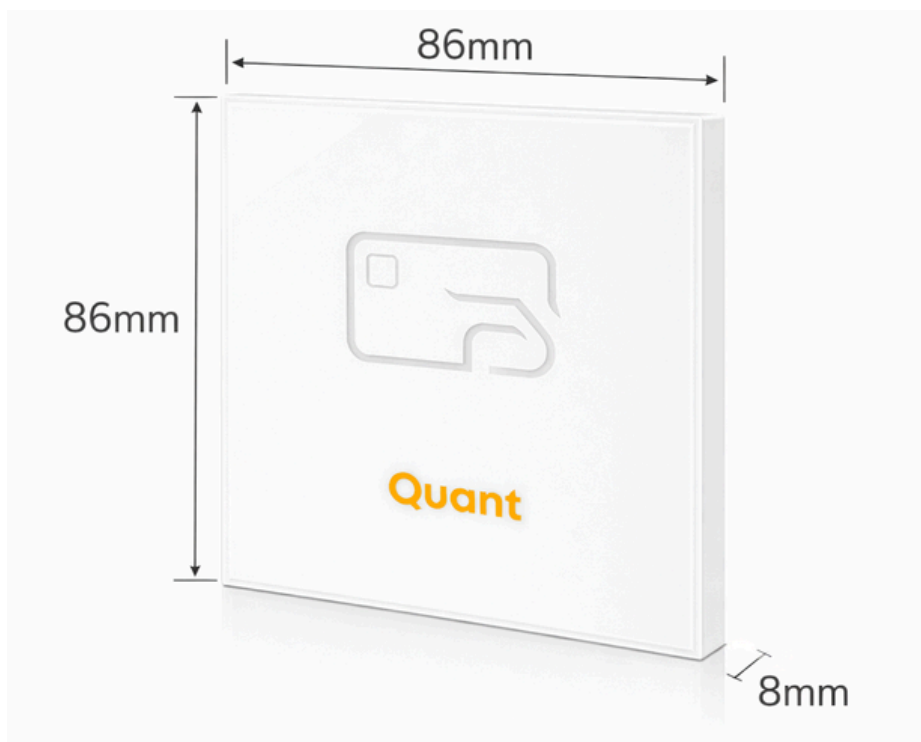


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TECHNICAL SPECIFICATIONS

Product Parameter	Description Parameter
Dimensions	86mm x 86mm x 8mm
Communication	Wiegand26, Wiegand34
Working current	$\leq 80\text{mA}$
Stand-by current	$\leq 30\text{mA}$
Operating Voltage	DC9 ~ 15V
Warranty	3 Years
Country of Origin	Malaysia
Certifications	UL,CE

DIMENSIONS



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DATA FORMAT SWITCHING

