



OSDP/WEIGAND MULTI TECHNOLOGY CARD READER



OSDP and Wiegand Compatibility

The Q-X6-RX is engineered to integrate seamlessly with both OSDP controllers, enhancing security through advanced, encrypted communication, and with Wiegand controllers (optional) for widespread system compatibility. This versatility allows for easy integration into diverse security environments, whether upgrading existing systems or installing new setups.



Multi-Frequency Card Compatibility

The Q-X6-RX supports a wide array of card frequencies including 125kHz HID, EM, and 13.56MHz NXP Mifare variants, among others. This extensive compatibility with different card technologies ensures a smooth transition when updating access credentials and offers flexibility in choosing security options suitable for various organizational needs.



Waterproof, IP66 rated

Designed to withstand the elements, the Q-X6-RX meets the IP66 standard, certifying it as dust-tight and resistant to heavy jets of water. This robust construction ensures consistent operation in both the arid regions and the more humid areas of the UAE, making it suitable for a variety of installation environments.

PRODUCT DESCRIPTION

The Q-X6-RX is a robust and versatile OSDP reader designed to provide secure and efficient access control. With compatibility for both OSDP and Wiegand controllers (optional), this device ensures seamless integration into a variety of access control systems. The Q-X6-RX supports multiple card technologies, including 125kHz HID, EM, and 13.56MHz Mifare, ensuring flexibility in card use. Built with an IP66 waterproof rating, the reader is well-suited for both indoor and outdoor applications, making it reliable even in harsh environments. Its modern design and advanced functionality make it ideal for organizations seeking to enhance their security infrastructure.



PRODUCT ADVANTAGES

Dual Compatibility: The Q-X6-RX supports both OSDP and Wiegand protocols, making it compatible with a wide range of access control systems. This flexibility ensures that it can easily fit into both modern and legacy setups, reducing installation costs and complexity.

Durability with IP66 Rating: With its IP66 rating, the Q-X6-RX is built to withstand challenging environments, from dust-heavy industrial areas to outdoor installations exposed to rain or high-pressure water. This enhances the longevity of the product, reducing the need for frequent replacements or maintenance.

Broad Card Compatibility: The Q-X6-RX supports a comprehensive list of card types, including:

- 125kHz HID
- 125kHz EM
- 13.56MHz NXP Mifare
- Mifare Plus
- DesFire
- Mifare Pro
- Mifare UltraLight
- Mifare Class 4K
- CPU cards

This wide-ranging compatibility allows organizations to integrate various card types into their access control systems without the need for card replacements, ensuring flexibility and cost savings.

Enhanced Security with OSDP: The OSDP protocol offers higher security through encrypted communication between the reader and the controller. This prevents tampering or unauthorized access, ensuring that the system is secure against modern threats.

Q-X6-RX



3 Years Warranty

TECHNICAL SPECIFICATIONS

Product Parameter	Description Parameter
Model	Q-X6-RX
Protocols Supported	OSDP (Open Supervised Device Protocol) Wiegand (Optional for backward compatibility)
Ingress Protection	IP66 (Dust-tight, water-resistant)
Card Compatibility	125kHz (HID, EM) 13.56MHz (NXP Mifare, Mifare Plus, DesFire, Mifare Pro, Mifare UltraLight, Mifare Class 4K, CPU cards)
Operating Voltage	9-18V DC
Reading Distance	2-4cm
Operating Temperature	-40°C to 60°C
Operating Humidity	0% ~ 98% RH
Dimensions	120mm x 50mm x 20mm
Net Weight	150g
Material	Polycarbonate UV-Resistant Housing (Suitable for harsh environment)
Warranty	3 Years
Country of Origin	Malaysia
Certifications	CE

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DIMENSIONS



Connect with OSDP Controller

