



## Model 240E and 245E

GE Contactless Smart Card Readers

### 100% ISO compatibility

The GE Model 240E and 245E readers comply with ISO 15693 and ISO 14443A standards for readers and credentials, unlike some other products that use proprietary and exclusive formats. This allows you to mix and match existing 100% ISO-compliant credentials with GE readers. This also helps you to preserve current investments, eliminate single-supplier dependency, and enjoy a lower total cost of security system ownership.

### Intelligent supervisor

The GE readers feature supervised four-state (open contact, closed contact, cut wire, and shorted wire) integrity monitoring for door contacts, REX (request to exit), and reader communications. This intelligent supervision ensures that security personnel are notified if a reader is tampered with, a door is breached or circuit bypassed (cut or shorted). This distinctive capability sets GE readers apart as some of the most secure within the industry, and the brand of choice for the world's largest facilities.

### Weather resistant / Lifetime warranty

The GE Model 240E and 245E reader housings are made of durable UV-resistant polycarbonate material that inhibits discoloration in all types of conditions including direct sunlight. The GE readers also feature sealed (potted) electronics for additional protection against inclement weather. Combine all this protection with a lifetime warranty, and any organization can confidently expect years of exemplary GE reader service.

### 100% GE quality and service

The GE name represents 100% high-quality security products, cheerful customer service, and trained customer support technicians to help you with any questions. These are just a few reasons why over 75% of the Fortune 100 companies are running GE access control systems. We invite you to choose GE, the strongest name in security to protect your organization's personnel and property.



### Standard Features

- Universal compatibility with all ISO 15693 and ISO 14443A badges, tags, and key fob credentials (no sector programming required)
- Supervised four-state (open, closed, wire cut, and wire short) monitoring for door, REX (request for exit), and reader communications
- Read range up to 10.2 cm for ISO 15693 compliant credentials (range may vary with credential quality and installation)
- IP 65-rated sealed electronics for deployment in interior and exterior environments

# Model 240E and 245E

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### Specifications

Certifications	FCC Part 15, CE Mark, and UL 294 (pending)
Cable recommendations	Belden (shielded) 8777, 9873, 9773
Color	Gray
Current consumption	105 mA @ 12 V DC
Dimensions (H x W x D)	110.9 mm x 84.07 mm x 27.94 mm
Environmental	Interior or exterior
Humidity range	5 to 95%, non-condensing
Index of protection	IP 65 (IEC 529)
Input voltage range	8 - 30 V DC
Keypad (Model 245 only)	12-button (3 x 4 matrix) tactile membrane keypad
Microcontroller Communications	F/2F supervised
Supervisor Monitoring	Door input, REX, and reader communication monitoring
Minimum Wiring	4 conductors
Operating temperature	-25° to 60° C
Read Range	101.6 mm maximum for ISO 15693 credentials 50.8 mm maximum for ISO 14443A credentials
Weight	158.7 g

### Ordering Information

Part No.	Description
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