Fanvil CR01 Card Reader

Overview

The Fanvil CR01 card reader supports common 13.56 MHz RFID smart cards and multiple ISO/NFC standards. It connects via USB and works seamlessly with the Fanvil FCMS platform, access control systems, and other management applications.

Features

Supports USB Communication

Supports Firmware updates via USB

Supports multiple communication protocols and standards

Compatible with third-party platforms for easy integration

Specification

Product Dimensions	110.0 mm × 80.0 mm × 16.9 mm±0.3 mm (4.33" × 3.15" × 0.67±0.012 ") (L × W × H)
Product Weight	Approx. 169.0 g
Power Supply	USB: 4.3 V – 5.5 V
Operating Current	Standby ≤ 250 mA; operating ≤ 300 mA (5 V supply)
Operating Temperature	−20 °C to +60 °C (−4 °F to +140 °F)
Storage Temperature	−40 °C to +80 °C (−40 °F to +176 °F)
Operating Humidity	20% to 80% (RH)
Operating Frequency	13.56 MHz
Card Types	MIFARE Classic, MIFARE DESFire EV1/EV2, MIFARE Ultralight, MIFARE Ultralight C, FeliCa, ICODE, CPU, NFC Forum Type 1–5, PSAM cards
Supported Protocols	ISO 14443A, ISO 14443B, ISO 15693, ISO 18092, ISO 7816
Reading Distance	0 to 4 cm (depends on installation environment and card)
Interface	USB
Communication Speed	USB 12 Mbps
Operating System	Windows 7/8/8.1/10/11, Linux, Android, macOS X
Certification	None
Warranty	1 year