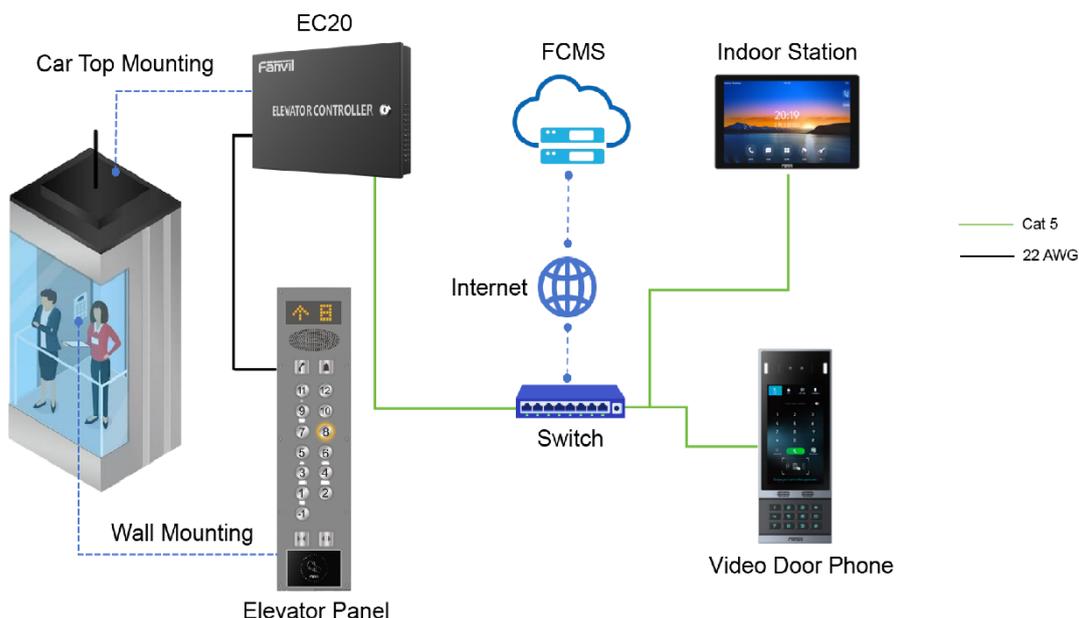# Fanvil EC20 Elevator Controller

Overview

The EC20 is an elevator controller designed for apartments and office buildings. Featuring a modular architecture, it supports the compatibility with major elevator brands, flexible expansion of controlled floors, and integration with building intercom, access control, and fire alarm systems. It can work with Fanvil door phones, indoor stations, and the FCMS platform to achieve floor access management and elevator control, providing reliable performance and efficient management for property managers, system integrators, and security service providers.

Features

Supports assignment of specific floor access permissions

Supports up to 128 floors through additional elevator sub-controllers (purchased separately)

Compatible with IC card readers, supporting registration of up to 50,000 cards

Integrates with intercom systems over a LAN network

Allows residents to call elevators via indoor stations door phones guard stations and mobile apps

Fanvil Technology Co., Ltd.
Add: 13th Floor, Building 2, Runzhi R&D Center, Xin'an Street, Bao'an District, Shenzhen, China
Phone: 0755-26402199   E-mail: sales@fanvil.com   Web: www.fanvil.com

Specification

Model	EC20
Network Protocol	TCP/IP
Interfaces	4 RS-485; 1 Wiegand 26/34; 1 fire alarm input
Number of Floors	16 floors by default, expandable to 128 with additional sub-controller
Network	1 RJ45 10/100 Mbps self-adaptive Ethernet port
Card Reader	Supports up to 50,000 cards
Power Supply	110 V / 220 V AC ± 10%, 60/50 Hz (Built-in 12 VDC, 3 A)
Product Dimensions	370.0 mm × 260.0 mm × 65.0 mm (14.57" × 10.24" × 2.56") (L × W × H)
Operating Temperature	−30 °C to +70 °C (−22 °F to +158 °F)
Storage Temperature	−40 °C to +70 °C (−40 °F to +158 °F)
Operating Humidity	10% to 90% RH, non-condensing