

Intesis COOLMaster AC Interface

Product Datasheet

Product Overview

The Intesis COOLMaster AC Interface is a centralized HVAC control and monitoring gateway designed to integrate VRF/VRV and multi-split air conditioning systems with Building Management Systems (BMS). It enables real-time monitoring and control of multiple indoor AC units, improving energy efficiency, comfort, and operational reliability.

Key Features

- Centralized control of multiple AC indoor units
- Individual and group-based unit control
- Real-time monitoring of operating parameters
- Alarm and fault status reporting
- Auto-detection of connected AC units
- Web-based configuration and monitoring
- Supports major HVAC communication protocols

Technical Specifications

Parameter	Specification
Supported AC Systems	VRF / VRV / Multi-split
Compatible Brands	Daikin, Mitsubishi Electric, Toshiba, Panasonic, LG, Samsung, Fujitsu, Hitachi (model dependent)
Control Parameters	ON/OFF, Mode, Temperature, Fan Speed, Alarms
AC Interface	Manufacturer-specific AC communication bus
BMS Interface	Ethernet (TCP/IP), RS-485
Supported Protocols	Modbus TCP, Modbus RTU, BACnet IP, BACnet MS/TP, KNX (via gateway)
Configuration	Built-in web server
Power Supply	110–240V AC / 24V DC (model dependent)
Mounting	DIN rail / Wall mount
Application	BMS, Hotels, Offices, Hospitals, Malls

Key Benefits

- Seamless HVAC integration with BMS
- Improved energy efficiency and system visibility
- Reliable and scalable HVAC control solution
- Reduced operational and maintenance costs