

DMTouch



UNPARALLELED CONTROL AND MONITORING SYSTEM FRONT-END

The control and monitoring capabilities of DMTouch are unmatched by any other system within the building controls industry. It provides a central point to control and monitor HVAC, refrigeration and lighting assets within a building or site from one device. Features include both on and off-site monitoring, and the potential to integrate with existing third-party assets and infrastructure.

Overview

Unlike competing products, DMTouch is based on open protocols such as XML, BACnet, Modbus, and Web Services, allowing third-party devices to be integrated into the control infrastructure. Third-party integration minimises setup costs and product waste, leading to a smaller carbon footprint.

DMTouch is available with a range of software activations, hardware accessories and expansion modules to match the unique requirements of any control and monitoring project.


Key Features

- Energy Management – monitors metered consumables, presents consumption statistics, predicts budgets, displays trends and provides warnings
- Energy Savings – offers a range of features to reduce energy consumption, predict plant failures, and decrease the carbon footprint of a refrigeration system
- Remote monitoring – enables access to operating data and implement remote changes, all possible simply via a web browser
- Temperature Compliance - captures critical temperature data as often as every 15 seconds, to help ensure HACCP compliance and adhere to food safety standards

5YR 5-Year Warranty

 Open Protocols

 Energy Saving

 Remote Monitoring

Feature/Accessory Highlights

FEATURE	PART NUMBER
DMTouch Battery Backup	PR0492
USB to RS485 Modbus Adapter	PR0623
Modbus TCP Interface Enabler	PR0470
BACnet Interface Enabler (Blocks of 32 devices)	PR0471-BAC
Remote Alarm Beacon	PR0458-CLR
TouchXL Orbit	PR0617-OB
Network Interface - USB to Wi-Fi Adapter	PR0657-EXT
IP Network Enabler (Blocks of 32 Devices)	PR0481
TDB Enabler (up to 16 programs/4,096 blocks per program)	PR0485
Range of Energy Saving Features	PR0474 to PR0479
MQTT Support	PR0655-MQTT

Ordering Information

DESCRIPTION	PART NUMBER
DMTouch	PR0510

Technical Specifications

FEATURE	SPECIFICATION
Onboard Storage	16GB Solid State Drive
Inputs	12 inputs individually configurable as analogue temperature inputs or digital inputs. Probe types supported (PT1000 (default), 470R, 700R, 2K, 2K25, 3K, 5K, 6K, 10K, 10K(2), 100K). Range: -99°C to +350°C (-146°F to 662°F) when using a PT1000 probe. Digital Input: Normally Open or Normally Closed input (Volt Free) with alarm delay.
Outputs	4 Relay Outputs: 7.5A resistive load 250Vac, 5A inductive load 250Vac
Expansion & Networking	3x Expansions Card Slots (increases number of inputs and outputs) 5x USB A Ports 1x RS485 Genus Protocol Interface (Option to enable) 4x Ethernet RJ45 1x CANbus Port
Environmental	Operating Temperature: -10°C to 60°C (14°F to 140°F) Operating Humidity: 10% to 80% (non-condensing)
Dimensions	(HxWxD) 330x310x96mm [12.9x12.2x3.7"]
Certifications	