



Resource  
Data Management



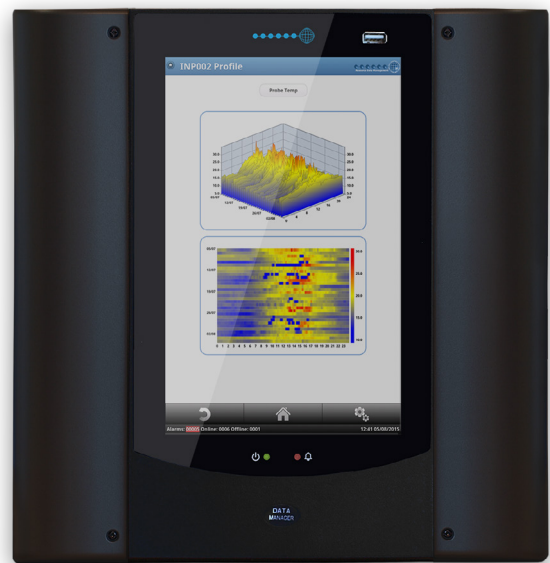
fibre optics  
now available

# DMTouch

## Future proof front-end control and monitoring solution

DMTouch is the ultimate platform to interface with a number of standard and proprietary HVACR (heating, ventilation, air conditioning and refrigeration) devices.

Unlike competing products, the DMTouch is based on an open protocol platform and, after appropriate activation, will communicate with multiple protocols (e.g. CAT 5 Ethernet IP, BACnet, and Modbus®).



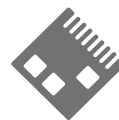
## Built to your requirements...

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



### Accessories

We supply a range of DMTouch accessories to enhance the connectivity, security, and presence of the device.



### Expansion Boards

With three expansion board slots, the DMTouch can accommodate additional inputs and outputs as required by your project.



### Energy Features

Energy monitoring functionality can be enabled to provide information regarding energy consumables (gas, electricity, etc.) site-wide.






### Networking

DMTouch can communicate with a variety of networking protocols, meaning our customers are free to use their current control equipment.

## More Information?

More information on the DMTouch, including complete user guide documentation, can be found within Resource Data Management's online download portal: [resourcedm.com/support/documents](http://resourcedm.com/support/documents)

## Technical Specifications

Feature	Specification
Onboard Storage	8GB Solid State Disk (Approx 25MB reserved for Application)
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 for PT1000 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 COS $\phi$ =0.4
Onboard Expansion / Interfaces	3 x Expansions Card Slots 5 x USB A Ports 1 x RS485 Interface (Option to enable) 3 or 4 x Ethernet RJ45 Alarm Sounder
Power	Supply Voltage Range: 100 - 240 Vac $\pm$ 10% Supply Frequency: 50 - 60 Hz Maximum supply current: 1A Typical supply current: 0.4A
Environmental	Operating temperature: -10°C to 60°C (14°F to 140°F) Operating humidity: 10% to 80% (non condensing)
Dimensions	(HxWxD) 330 x 310 x 96mm (12.9 x 12.2 x 3.7in)
International Support	Flexible language support (English, English (US), French, German and Swedish) Improved language support for The Data Builder (TDB) network communications, including an extended range of characters The DMTouch has a Switch Mode Power Supply (SMPS) allowing for worldwide operation
Certifications	  

## Features



### Better Resolution, More Control

High definition and multi-touch, DMTouch offers detailed information in a more visually stimulating and easier to read format than its competitors.



### Light Speed Communications

DMTouch is available with a fibre-optic communication module, enabling high-speed and long-distance connection from RDM's other fibre optic enabled products.



### Remote Monitoring Tools

DMTouch comes with the ability to monitor and control your sites from anywhere, at any time, on your PC, tablet or smartphone when it's convenient for you.



### Free PLC Editing Software

TDB is the highly flexible Programmable Logic Control software. TDB is almost infinitely configurable to precisely meet your control requirements.



### Free Site Layout Software

RDM Layout Editor gives you the ability to easily create DMTouch compatible site layouts that can be saved, modified, reused and shared across your sites.