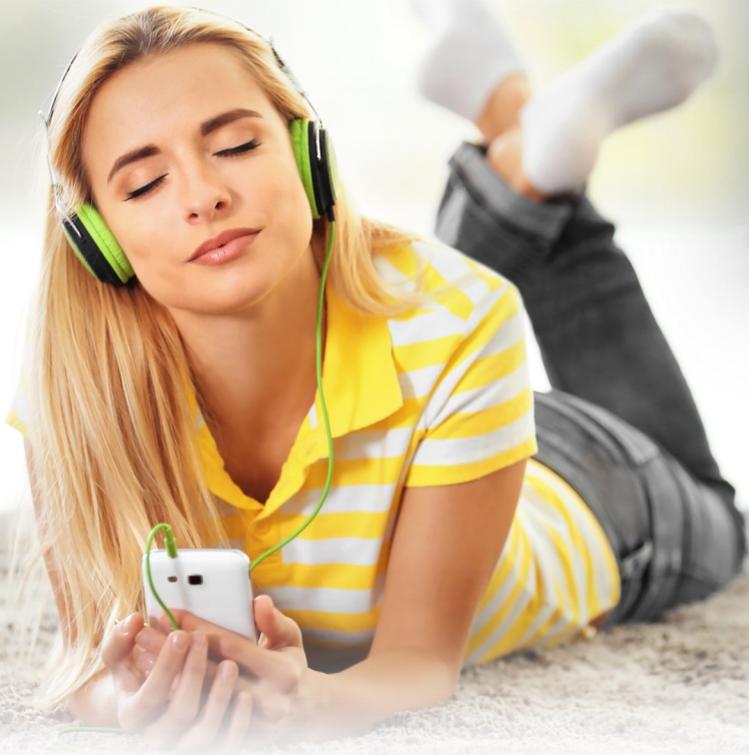


iCon® Intelligent Controls



The iCon System



*Digital Sensor
Mirrored Chrome
3 Layer (Copper, Nickel, Chrome)*



*Central Console
7" Touch Screen*



*Digital Sensor
Brushed Stainless Steel*



*Digital Sensor
White*



*Bead Sensor
Brushed Stainless Steel*

A Full Featured System

The *iCon*® System delivers simple to use, energy efficient controls with an impressive feature list.

Energy Efficient Zone Control

32 Zones
Multiple SP & Time Slot Scheduling
Multiple Season Scheduling
Programmable Boost Heat
Advanced Mode Control
Built-in Legionella Control
Boost Heat in Cost efficient Tariff Periods
Stop & Disable Zone Control
Heat Source Prioritization
Weather Compensation
Auto Optimization

Comfort & Convenience

Google Home
Simple 3 Button Sensor Operation
Single Touch Temperature Control
Single Touch Mode Control
Sensor Lockout
Individual Zone Labelling

Integrated Heating & Cooling

Central Control

7" Touch Screen
Historical Log
Pie & Line Graph of Usage
Vacation Scheduling

Safety

Wood Floor Protection
Initial Heat-up Sequence
Motion sensing
Alarm Notification

Remote Control

Plug In and Go
Remote Diagnostics & Maintenance
Central management of multiple System

Integration

The *iCon*® system manages multiple energy sources such as boilers, geothermal pumps and solar panels through to energy exchangers such as underfloor heating, radiators and cooling through FCU and VRF. The system is designed to interface readily with BMS and Home Automation systems. It's configurable architecture enables designers to readily build systems for the most demanding project requirements.



Home Automation

cc200 HV3



RS485 Modbus Slave
cc200HV3 API



Google Home Mini

RS486 Modbus Master

RS485 Bus Network



ccPV8
PV Module

0-10v Proportional Control



cc771-R16
I/O Module

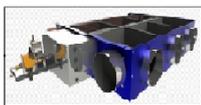
220VAC x16



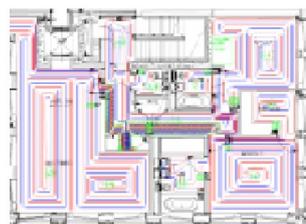
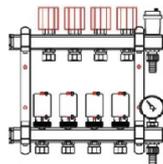
cc764
Digital Sensors
Heating & Cooling



cc768
Probe Sensor
Motion Sensor



FCU



Underfloor Heating



RTD-10

VRF
Daikin



VRF
ASHP

IOT - Internet of Things

Remote Access is Plug & Go. There is no setup of configuration.

Diagnostics & Maintenance



Remote Access



Email Notifications & Alarms



Seamless Heating & Cooling



Heating and Cooling seamlessly integrated at sensor



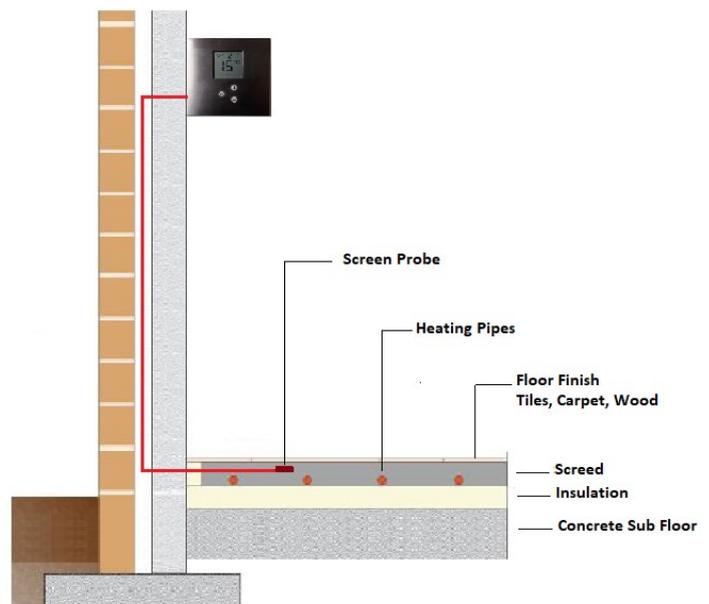
Protection of Wooden Floors

Continuous Monitoring

Screed probes protect wooden finishes by continuously monitoring the screed temperature.

Initial Heat-Up Sequence

The Initial Heat-up sequence is carried out over 21 days after the laying of cement screed or, in accordance with the manufacturer's instructions but at least 7 days in the case of anhydrite screeds. (Bs En 1264 4 2001).



Installer Benefits

The *iCon®* System is a configurable system suitable for both domestic and commercial applications such as Hotels, Hospitals, Nursing Homes, Forecourt Show Rooms, Schools and Apartment Blocks.

Configuration

Customize individual for project requirements.

Prioritise Heat Sources

Energy sources are used only as required.

Simplify Complexity

Replace complex error prone wiring with programmable setups.

Simple to Install First Fix Cabling

Single bus network cable reduces installation time and costs.

Project Management

Manage all project details and site specific wiring diagrams.

Emulation

Pre-installation test of all system points.

Programmable Boiler Interlock

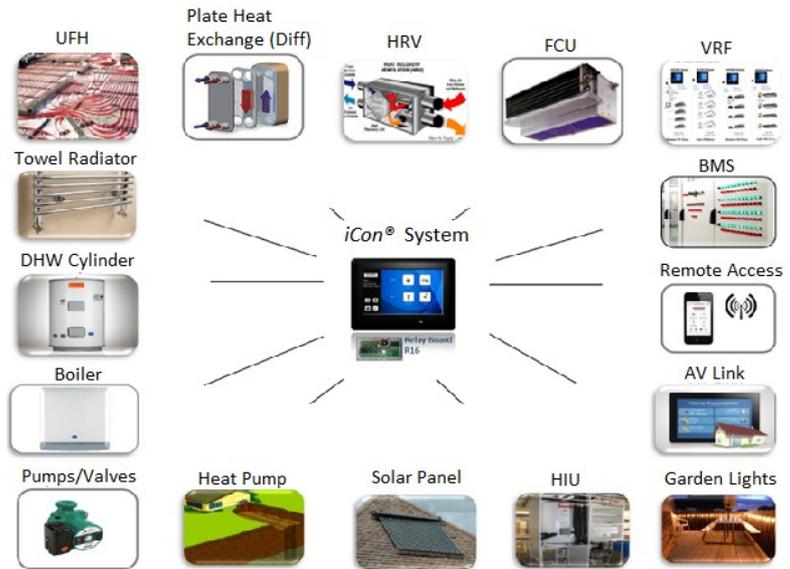
Complex interlock wiring is replaced by simple programmable setup.

Pump Exercising Routine

Ensure pump cycling during periods of inactivity.

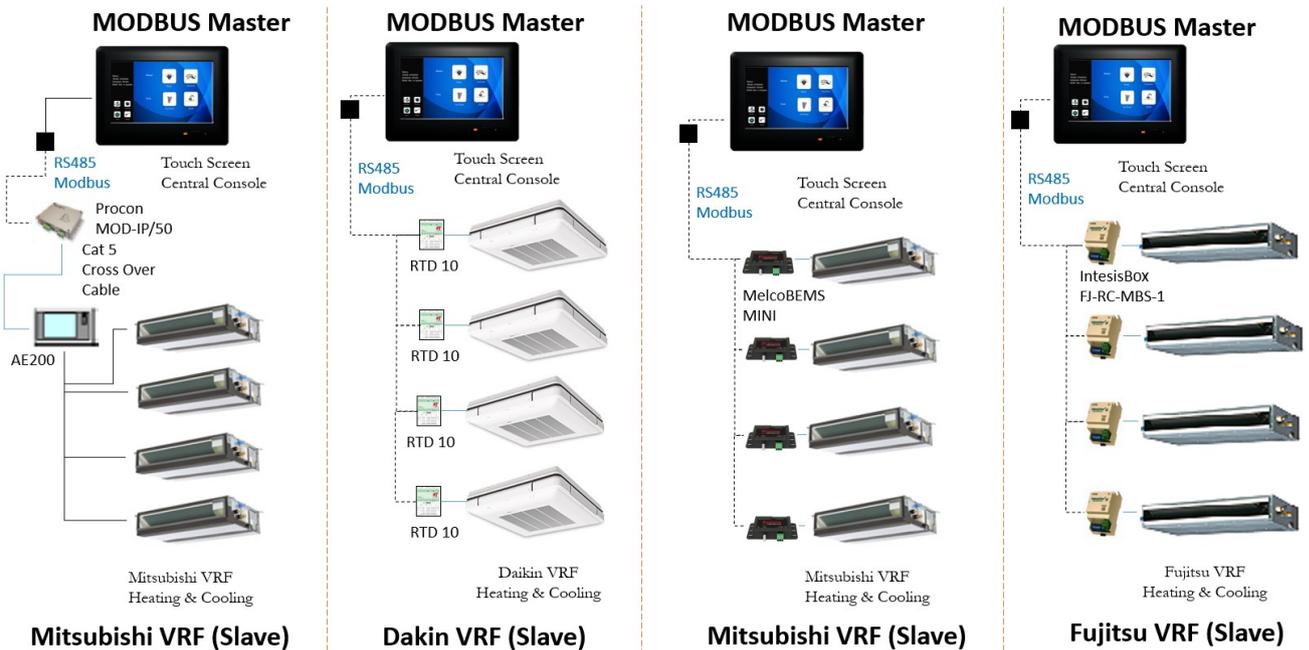
Quick & Simple Commissioning

Onsite modification via simple menus reduce installation and commissioning.



Integration

Integration allows the addition of external control devices to constitute a single complete solution. Several popular VRFs & FCUs have already been fully integrated and additional devices can be added via Modbus interfaces or discrete digital inputs.



Case Studies



Apt Block
Hanover Sq. London



Apt Block
Bishop's Gate London



Apt Block
Mont Havelet Guernsey



289 Apt Tower Block
City Rd, London



Vantage Point
Archway, London



Primary School
Larkhill



Prison
Cookham Wood



189 Apt Tower Block
Goodman's Field, London



42 Apt Tower Block
150 High St., Stratford



Shenfield Mill VRF
Cooling England



Havenwood Nursing
Home Ireland

Company Profile

Since 2003, Comeragh Controls has been designing and manufacturing technologically superior energy management systems, providing dynamic solutions for an energy conscious world.



Commitment to R&D

Comeragh Controls is committed to ongoing Research & Development to ensure our partners achieve and maintain market leadership.

Proven Track Record

The *iCon*® System is a well established product and has been adopted by leading national installers and integrators. It is the solution of choice for leading national builders.

Exceptional Support

Comeragh Controls has a proud record for exceptional customer support. We provide more than a product. We strive to build a long-term trusted relationships.

Our engineers work with clients to promptly respond to project needs. We are always available to assist.

Client Promotion

Comeragh Controls recognizes our client's need to promote its corporate image. A company's earned reputation is maintained and advanced through name brand themes. The company's name and logo are embedded into the central console.



Comeragh Controls Limited

Upper Irishtown, Clonmel, Co. Tipperary, Ireland.
EirCode: E91 DF83
Tel: 353 (0)52 61 72000
Web: <https://ComeraghControls.com>
E-mail: Sales@ComeraghControls.com
Registration Number: 370725
VAT Number: IE-639075F