

Touch Screen 4.3" Console (Model CC-245 HV2)



Technical Specification

Model

Model	CC-245 HV2
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User Interface

Screen	TFT
Interface	Touch Screen
Colour	65536 Colour
Window Area	109mm (4.3 inch)
Screen Dimensions	95mm (W) x 54mm (L)
Resolution	480*270pixels (SVGA)
Format	Wide Screen 16:9
Brightness	300 cd/m ²
Indicators	DC Power ready

Communications

System Interface	RS485 (1x Serial Port)
Protocol	Bespoke Specification

Mechanical

External Dimensions	138W×86H×32mm
Weight	300g
Material	ABS Plastics (Black)
Mounting	Recess Wall Mounted
Wall Opening Dimensions	131W×79Hmm

Electrical

Supply Voltage	24VDC
Power Requirement	5 watts
Power Adaptor	24VDC Supplied separately

Mother Board

Processor	32-bit 400MHz RISC
Operating System	Windows-CE5.0 embedded operating system
Memory for OS	128M FLASH + 64M SDRAM

I/O Ports

USB	1* USB-OTG
RS485	1* Comms Serial Port
Ethernet	Via Optional External Dongle
Card Reader	Does Not Support

Environment

Standard	CE
Ambient Temperature	-10-60°C
Ambient Humidity	10-90% RH non -condensing
Touch screen lifespan	1 million touches at single point
Back Light MTBF	50,000 Hr (Screen Saver Set 15min)
IP rating	IP23

Console Features

System Feature List

Central Control	Central control of all heating / cooling & Hot water elements
Zones	32
Zone Types	Ufh, Radiators, DHW
Scheduler	7 Day,
Set Point	Individual Zone Temp
Typical Operations	Typical operations require one / two keystrokes
Zone Labelling	Zone labelling and edit facility
Senor Lock Out	Facility to lock out button , (public area etc)
4 Modes of Operation	Mode 1: Timer Mode: Heating & DHW follows schedule; Mode 2: Heating All OFF (Set Back) ; DHW follows schedule; Mode 3: Heating All ON (Set Point); DHW follows schedule; Mode 4: Heating All OFF (Set Back) ; DHW OFF;
Copy & Paste Schedule	Copy schedule between zones
Hot Water Boost	HW key Boosts DHW (1/2/3 Hours timeout)
DHW Temperature Control	DHW temperature time & Temp control
Energy Saver Scheduling (BH)	Take advantage of low cost tariff periods
Fault Tolerant Design	Thermostat failure does not interrupt system operation
Watch Dog Timer	Automatic built-in reboot for lockup
Frost Protection	Built in frost protect
Eng Password Protection	4 Digit

Additional View:



Please note:
Comeragh Controls employs continuous development program which sometimes necessitates specification changes without notice. Please contact us for latest revision.

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