

# Criosu – Digital Sensor - CC764-A-WHI-1GC-SNV



## Technical Specification

Model: CC764-A-WHI-1GC-SNV

CC764-M-F-S-SV

M – Material \_\_\_\_\_

A - ABS Plastic

S - Steel

F – Finish \_\_\_\_\_

Whi - White

Bla - Black

BSS - Brushed Stainless Steel

MCR - Mirrored Chrome

S – Shape \_\_\_\_\_

1GF - 1 Gang Flat

1GC - 1 Gang Curved

WM - Wall Mount

SV – Screws Visibility \_\_\_\_\_

SV - Screws Visible

SNV - Screws Not Visible

### User Interface

LCD	Temperature, Set-point Status Symbols
Window Area	32mm x32mm
Backlight	LED

### Communications

RS485	Baud Rate: 4800
Protocol	Modbus RTU
Parity	None
Data Bits	8
Stop Bits	1

### Mechanical

Dimensions	4.2mm X 87mm x 87mm (D x L x H) (Installed)
Material	Plastic - ABS
Mounting	Wall Mounted – 2 fixed Points
Protection Rating	IP50 (when mounted)
Finish	Brushed Stainless Steel

### Environment

EMC Immunity	EN61000-6-1
EMC Emissions	EN61000-6-3
Ambient Temperature	0-40°C
Ambient Humidity	0-90% RH non -condensing

## Electrical Wiring

### Terminations

Connection Points	4 Way Screw Terminal
Cable	4 Core 24 awg (7/32awg - 0.2mm) stranded tinned annealed copper conductors 100% Overall foil screened Colour Coded UL2464 compliant

### Electrical

Supply Voltage	12VDC
Power Requirement	0.04 WATT

## Features

### Feature List

Applications	Heating & Cooling
Zone Thermostat	SP - Set Point : SB - Set Back : BH - Boost heat
7 day Programmable Timer	24 Hr, 20 Min Segments, Individual Timer for each Zone
Optimization	4 Settings including an automatic learning mode
Stop- Set Back Mode	Ignores timer schedule, moves to Set Back
Frost Protection Mode - Disable	Ensure all plumbing is protected against frost
Floor surface Protection	Max floor temps setting, protects floor surface
Accuracy	Accuracy of 0.5C
Addressing	1-32
Calibration	Calibration for both channels
Central Control at the console	Console
Service access	Surge Suppressers x 2
Connections	Clip out, No screws
Set Back Tracking	Ensure the Set Back always follows the Set Point
Dual Sensing channels	Central Control of all stats via the console
Zone Thermostat	Channel 1 - Air & Channel 2 – Aux channel for probe

**Please note:**

Criosu Controls employs continuous development which sometimes necessitates specification changes without notice. Please contact Criosu Controls for latest revision.