

## CC - 3000 Controller

### Features:

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- Intel 64 Bit 2-Core 1.6GHz Processor
- 2-Rs232/485 Ports (Standard), Expandable to 4 Ports
- Standard 10/100/1000 Mb/s Ethernet Port
- Modbus RTU Master/Slave Communications
- Chase Controls DLP Protocol Communications
- Windows OPC Data Communications
- Expand IO by connecting RIO Modules
- Field Programmable Logic with Industry Standard IEC-61131-3 ISaGRAF V5.2
- Applications Configurable with User-Friendly GUI
- Integrated Hardware Watchdog Timer
- Windows™ Embedded Industrial OS



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Programmable Logic Controllers provide a great solution for many applications, but when your application goes beyond straight- forward ladder logic controlling simple I/O, the Chase Controls CC-3000 Industrial controller is the smarter way to go. The CC-3000 is a controller with high performance Intel Dual Core CPU. Built-in Windows Embedded operating system makes the CC-3000 an application ready platform that will shorten development time. Connecting with Chase Controls Remote IO I/O modules, the CC-3000 can become a complete control system.

The CC-3000 utilizes ISaGRAF the industry standard IEC6113-3 automation software. ISaGRAF provides a user-friendly, flexible environment for developing, debugging and downloading CC-3000 controller logic code; and provides local and remote access to your process by utilizing Intranet and Internet technologies. The IEC 61131-3 software package includes the six programming languages: Sequential Function Chart (SFC), Instruction List (IL), Ladder Diagram (LD), Function Block Diagram (FBD), Structured Text (ST) and Flow Chart (FC). The Flow Chart language is graphics-based and used to describe sequential operations in an application.

## Specifications

**Controller**

**Processor** CPU Intel 64 Bit dual-core microcontroller, integrated watchdog timer

**Memory** 2 GB SRAM Standard, 16 GB SRAM Maximum

**Non Volatile RAM** 32 GB Solid State SATA Storage Drive

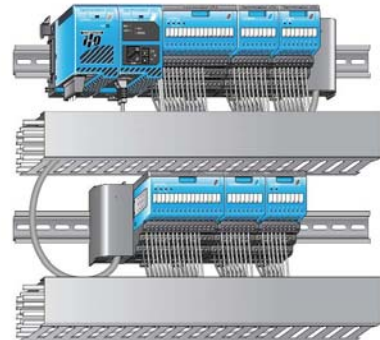
**I/O**

**Digital IN** Limited By Protocol Only

**Digital OUT** Limited By Protocol Only

**Analog IN** Limited By Protocol Only

**Analog OUT** Limited By Protocol Only

**Communications**

**Integrated Ports** 2—RS232/485 Serial, 5-USB, Analog VGA, 2 SATA, 10/100/1000 Mbs TCP/IP

**Baud Rate** Selectable 300-230,000 baud

**Serial Protocols** Modbus RTU (Master / Slave), Chase DSL, DNP, AB DF-1, others on request

**Ethernet Protocols** Modbus TCP/IP, AB TCP/IP, DNP, Chase DSL, others on request

**General**

**Terminals** Removable Terminal Blocks, 16-22AWG, 15Amp Contacts

**Dimensions** 7.5 in wide X 8.25 in high X 2.50 in deep

**Temperature** 10 Deg F to + 158 Deg F

**Humidity** 5% RH to 95% RH, non-condensing

**Vibration** MIL STD 810C, Method 514.2

**Shock** MIL STD 810C, Method 516.2

**Power** 120 VAC / 18 VDC