**Chase
Controls**

Product Data Sheet

CC - 3000 Controller

Features:

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

PLC's provide a great solution for many applications, but when your application goes beyond straight-forward ladder logic controlling simple I/O, 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 a ready application platform to 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 five main languages: Sequential Function Chart (SFC), Instruction List (IL), Ladder Diagram (LD), Function Block Diagram (FBD), and Structured Text (ST). In addition to these languages a sixth, called Flow Chart (FC) is included. This sixth language is graphics-based and used to describe sequential operations in an application.

CC - 3000   Product Data Sheet

Specifications

Controller

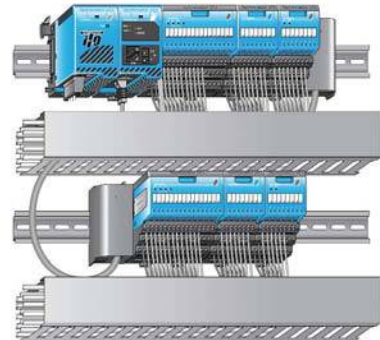|	
Processor	CPU Intel 64 Bit dual-core microcontroller, integrated watchdog timer
Memory	2 GB SRAM Standard, 16 GB SRAM Maximum
Non Volatile RAM	32 GB Sold State SATA Storage Drive

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 CNet, DNP, AB DF-1, others on request
Ethernet Protocols	Modbus TCP/IP, AB TCP/ IP, DNP, Chase CNet, 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