

PRODUCT GUIDE



CIMON

A U T O M A T I O N

PRODUCT GUIDE





CIMON

HYBRID

CIMON

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CIMON



THE TOTAL SOLUTION FOR INDUSTRIAL AUTOMATION

CIMON has been a pioneer in the automation industry since 1999, offering an extensive lineup of innovative, Industry 4.0-ready automation products such as PLCs, HMIs, SCADA software, and industrial PCs. Our comprehensive product portfolio equips customers with everything necessary to build and maintain efficient, effective systems. Our automation solutions have been successfully implemented across diverse industries, such as automotive, power plants, semiconductors, water/wastewater, electronics, oil and gas, building automation, and more. Thousands of manufacturers have partnered with us to access complete solutions, from product supply to system design featuring various control system configurations.

At CIMON, we pride ourselves on anticipating and adapting to evolving market needs, enabling swift response times and enhanced competitiveness. Our services and products boost facility efficiency, reduce operating costs, and ultimately lead to increased productivity and profitability for our customers. With a global team of experts, we are dedicated to delivering unparalleled service and exceptional products to the automation industry, empowering our clients to stay ahead in the rapidly changing technological landscape.

CIMON



ETHOS

Our unwavering commitment to delivering innovative and dependable hardware and software solutions has propelled CIMON forward since 1999. Our diverse, multinational teams work together, unifying modern technology, techniques, and UI design to create pioneering products that usher in Industry 4.0. With over two decades of proven innovation and reliability, CIMON is actively molding the future of industrial automation. We invite you to join us on this exciting journey, contributing to the transformation of the industrial automation landscape.



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ULTIMATE ACCESS



CIMON UltimateAccess SCADA is a Windows-based software, perfect for a wide variety of industries. Our SCADA allows users to monitor and control their system at any time, from anywhere.

SCADA SOFTWARE



REDUNDANCY & SERVER-CLIENT

Stable system operation with redundancy and server-client system.



FEP COMMUNICATION

SCADA to SCADA high-speed data communication system.



ODBC

Supports ODBC to connect database management systems (DBMS).



LIBRARY

Intuitive graphic design with extensive library of images and animations.



WEB / MOBILE SERVER

Remotely monitor & control systems from anywhere using the internet.



NETWORK

Easy to establish network with more than 200 communication drivers.



-
- Monitor and log real-time and historical data
 - Display streamed data with Trend feature
 - Configure alarms to notify & record abnormal activities
 - Create reports and export to Excel format
 - Set up to 100 security levels to define / regulate user access
 - Create custom functions with EVB script module
 - OPC DA/UA Client/Server support
 - Monitor & control systems via web or mobile devices
 - OLE Automation enables monitoring and data link
 - In compliance with FDA CFR21 part 11 requirements

DEVELOPMENT LICENSE

MODEL	TYPE	FEATURES
UA01-0075/DS	75 Tags	Development + Runtime Viewer
UA01-0150/DS	150 Tags	Development + Runtime Viewer
UA01-0500/DS	500 Tags	Development + Runtime Viewer
UA01-1500/DS	1500 Tags	Development + Runtime Viewer
UA01-3000/DS	3000 Tags	Development + Runtime Viewer
UA01-FULL/DS	Unlimited Tags	Development + Runtime Viewer

RUNTIME LICENSE

MODEL	TYPE	FEATURES
CM01-0075/RS	75 Tags	Runtime Viewer
CM01-0150/RS	150 Tags	Runtime Viewer
CM01-0500/RS	500 Tags	Runtime Viewer
CM01-1500/RS	1500 Tags	Runtime Viewer
CM01-3000/RS	3000 Tags	Runtime Viewer
CM01-FULL/RS	Unlimited Tags	Runtime Viewer

INDUSTRIAL PC + SCADA BUNDLE

MODEL	TYPE	DESCRIPTION
UA01-0075/DS-B	75 Tags	Development + Runtime Viewer
UA01-0150/DS-B	150 Tags	Development + Runtime Viewer
UA01-0500/DS-B	500 Tags	Development + Runtime Viewer
UA01-1500/DS-B	1500 Tags	Development + Runtime Viewer
UA01-3000/DS-B	3000 Tags	Development + Runtime Viewer
UA01-FULL/DS-B	Unlimited Tags	Development + Runtime Viewer



THE ULTIMATE IPC + SCADA BUNDLE

Equip your IPC with one of the most powerful automation software on the market with this exclusive low-cost bundle. Save big when you purchase our IPC and UltimateAccess SCADA together with your choice of Runtime License or Development + Runtime license with 75, 150, 500, 1500, 3000, or unlimited tags. Kickstarting your next project with CIMON's high-performance IPC and the remarkably intuitive UltimateAccess SCADA software has never been so easy.

Take control of your data using a next-generation SCADA system with advanced communication and visualization capabilities. Optimize your workflow with a multitude of convenient built-in features, including a versatile scripting engine, a vast library of smart user interface elements, and a redundancy safeguard for uninterrupted functionality.

By operating from a CIMON IPC, you can always count on long-lasting, top-notch performance.

PANEL IPC



CIMON IPC is an industrial computer that runs on Windows / Linux OS and an Intel CPU. CIMON's Industrial PC differs from traditional PCs by accounting for your automation and controls needs, including device endurance, user experience, and task execution while providing powerful performance in the harsh environments shared by many industrial settings.

INDUSTRIAL COMPUTER



SSD & CPU LINEUP

Fast start-up and processing speeds plus greater product functioning with Intel J1900/i3-6100U/i5-6300U processors.



PROVEN RELIABILITY

FCC, CE, UL, cUL, IP65, IECEx certified* and NEMA 4X rated* for demonstrated durability and dependability.



HEAT & ENERGY MANAGEMENT

Extremely low power consumption of 16 W,* impressive thermal dissipation to maintain device equilibrium.



VARIETY OF INTERFACES

Includes 2 Gigabit Ethernet ports, up to 4 serial ports,* and up to 4 USB 3.0 ports.*



DISK DRIVE PRESERVATION

UWF and EWF features prevent the unauthorized use of disk volume, including the installation of undesirable software or changes to system settings.

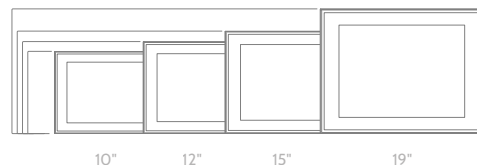


SYSTEM INTEGRITY

RAID 1 protocol mirrors information onto a separate disk for easy data restoration in the event of a critical error.



- High resolution display and polished design
- Many port options for convenient & efficient connection
- USB ports for easy connection with other systems
- Durability and stability with SSD storage
- High performance Quad Core CPU embedded
- 100-240 VAC or 24 VDC power options available
- Windows 10 or 7 OS Options (Installed)
- Reliable fanless design



*Select models

CIMON IPC

PANEL IPC

MODEL	DESCRIPTION
CM-iNP411-A	Intel J1900, 10.4"(1024x768)TFT, 250 GB SSD, 8 GB RAM, Windows IoT Enterprise
CM-iNP411-D	Intel J1900, 10.4"(1024x768)TFT, 250 GB SSD, 8 GB RAM, Windows IoT Enterprise
CM-iNP412-A	Intel J1900, 12.1"(1024x768)TFT, 250 GB SSD, 8 GB RAM, Windows IoT Enterprise
CM-iNP412-D	Intel J1900, 12.1"(1024x768)TFT, 250 GB SSD, 8 GB RAM, Windows IoT Enterprise
CM-iNP415-A	Intel J1900, 15"(1024x768)TFT, 250 GB SSD, 8 GB RAM, Windows IoT Enterprise
CM-iNP415-D	Intel J1900, 15"(1024x768)TFT, 250 GB SSD, 8 GB RAM, Windows IoT Enterprise
CM-iNP419-A	Intel J1900, 19" (1280x1024) TFT, 250 GB SSD, 8 GB RAM, Windows IoT Enterprise
CM-iNP419-D	Intel J1900, 19" (1280x1024) TFT, 250 GB SSD, 8 GB RAM, Windows IoT Enterprise
CM-NP3612-A	Intel Core i3-6100U, 12.1"(1024x768)TFT, 250 GB SSD, 8 GB RAM, Windows IoT Enterprise
CM-NP3612-D	Intel Core i3-6100U, 12.1"(1024x768)TFT, 250 GB SSD, 8 GB RAM, Windows IoT Enterprise
CM-NP3615-A	Intel Core i3-6100U, 15"(1024x768)TFT, 250 GB SSD, 8 GB RAM, Windows IoT Enterprise
CM-NP3615-D	Intel Core i3-6100U, 15"(1024x768)TFT, 250 GB SSD, 8 GB RAM, Windows IoT Enterprise
CM-NP5615-A	Intel Core i5-6300U, 15"(1024x768)TFT, 250 GB SSD, 8 GB RAM, Windows IoT Enterprise
CM-NP5615-D	Intel Core i5-6300U, 15"(1024x768)TFT, 250 GB SSD, 8 GB RAM, Windows IoT Enterprise
CM-iNP5619-A	Intel Core i5-6300U, 19"(1280x1024)TFT, 250 GB SSD, 8 GB RAM, Windows IoT Enterprise
CM-iNP5619-D	Intel Core i5-6300U, 19"(1280x1024)TFT, 128 GB SSD, 8 GB RAM, Windows IoT Enterprise

1U RACK IPC

MODEL	DESCRIPTION
CM-NU1RB-A	Table top fanless computer (Intel J1900 QuadCore 2.00GHz, 250 GB SSD, 8 GB RAM)

BOX PC

MODEL	DESCRIPTION
CM-NB5011-D	Intel 11th Gen Core i5-1145G7E, 250GB, 8GB, DC24V, OS included (Expected to be released in Q2)

INDUSTRIAL COMPUTER

IPC OPTIONS & ADD-ONS

MODEL	DESCRIPTION
8GB RAM	Default Option
16GB RAM	Additional 8GB DDR4 RAM Installed for Core series CPU
250GB SSD	Default Option
500GB SSD	Replace 250GB SSD with 500GB SSD for J1900 and Core series CPU
1TB SSD	Replace 250GB SSD with 1TB SSD for Core series CPU
Extra 500GB SSD	Additional 500GB SSD installed for Core series CPU
Extra 1TB SSD	Additional 1TB SSD installed for Core series CPU
RAID 1 250GB SSD	2 x 250GB SSD installed for CM-NP5619, CM-NU4Rx6
RAID 1 500GB SSD	2 x 500GB SSD installed for CM-NP5619, CM-NU4Rx6
RAID 1 1TB SSD	2 x 1TB SSD installed for CM-NP5619, CM-NU4Rx6
Windows 10 IoT	Default Option
Windows 10 Pro	Windows 10 Pro instead of Windows 10 IoT Enterprise
Windows 10 Enterprise	Windows 10 Enterprise OS instead of Win 10 IoT Enterprise
Windows 7 Pro	Windows 7 Pro instead of Windows 10 IoT Enterprise
Windows 11 Pro	Windows 11 Pro instead of Windows 10 IoT Enterprise
Windows 11 Enterprise	Windows 11 Enterprise instead of Windows 10 IoT Enterprise
Linux Ubuntu	Linux Ubuntu instead of Windows 10 IoT Enterprise

XPANEL HMI



Xpanel takes your HMI experience to the next level. Our products offer proven reliability for any industrial environment and intuitive designing software for rapid project development.

HUMAN - MACHINE INTERFACE



HIGH-SPEED CPU

Equipped with a high-speed industrial grade CPU to handle complex scripts and graphics processing with ease.



DIE-CAST ALUMINUM BEZEL

Rugged aluminum outer bezel offers improved heat and shock resistance and protects internal components (iXT10 and larger models)



EXTENSIVE LINEUP

Available in a wide variety of display sizes ranging from 4.3" to 15"



VARIETY OF INTERFACES

Includes Ethernet, serial (RS-232C/485), USB, and SD card options



HIGH-DEFINITION DISPLAY

See all of the intricate details with up to 16.7M color XGA display. Our industrial grade LCDs generate low power and heat, ensuring full brilliance for up to 100,000 hours.

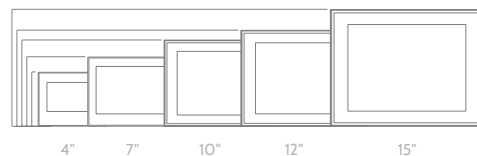


EXTREME DURABILITY

All models are IP65 certified, NEMA 4X rated*, and feature a state-of-the-art fortified touch screen with scratch resistance.



- Simultaneous use of all communication ports
- More than 200 communication drivers
- Free XpanelDesigner runtime software
- Xpanel Software upgrade through Ethernet port
- Runtime upgrade possible with XpanelDesigner
- Real-time data logging
- Store data in local memory or external USB/SD
- Display logged data as trends



*US only

HUMAN - MACHINE INTERFACE

XT SERIES

MODEL	DESCRIPTION
CM-XT04CD-DE	4.3" TFT, 24 VDC, 2 serial, 1 Ethernet
CM-XT07CD-DE	7" TFT, 24 VDC, 2 serial, 1 Ethernet
CM-iXT10CD-D	10.4" TFT, 24 VDC, 3 serial, 1 Ethernet
CM-iXT12CD-A	12.1" TFT, 100-240 VAC, 3 serial, 1 Ethernet
CM-iXT15CD-A	15" TFT, 100-240 VAC, 3 serial, 1 Ethernet



eXT SERIES

MODEL	DESCRIPTION
CM-eXT07-D	7" TFT, DC24V, 2 Serial, 2 Ethernet, Embedded Linux
CM-eXT10-D	10" TFT, DC24V, 2 Serial, 2 Ethernet, Embedded Linux (Expected to be released in Q2)
CM-eXT12-D	12" TFT, DC24V, 2 Serial, 2 Ethernet, Embedded Linux (Expected to be released in Q2)
CM-eXT15-D	15" TFT, DC24V, 2 Serial, 2 Ethernet, Embedded Linux (Expected to be released in Q2)

nXT SERIES

MODEL	DESCRIPTION
CM-nXT07-D	7" TFT, DC24V, 2 Serial, 2 Ethernet, Embedded Linux, UL Hazardous Class1 Div2



XPANEL HYBRID



Xpanel Hybrid combines the functionality of the Xpanel HMI with the expansion flexibility and power of the CIMON PLC-S series all in one convenient unit.



EASY MODULE EXPANSION

Add up to 2 additional PLC-S modules with the addition of an option module.



HIGH QUALITY LED DISPLAY

Low power, low heat, full brightness and vivid color display.



HIGH-SPEED CPU

Fast data processing with high-performance CPU.



SEPARATED TERMINAL

Use XpanelDesigner (HMI) and CICON (PLC) software simultaneously with USB mini-B hub.



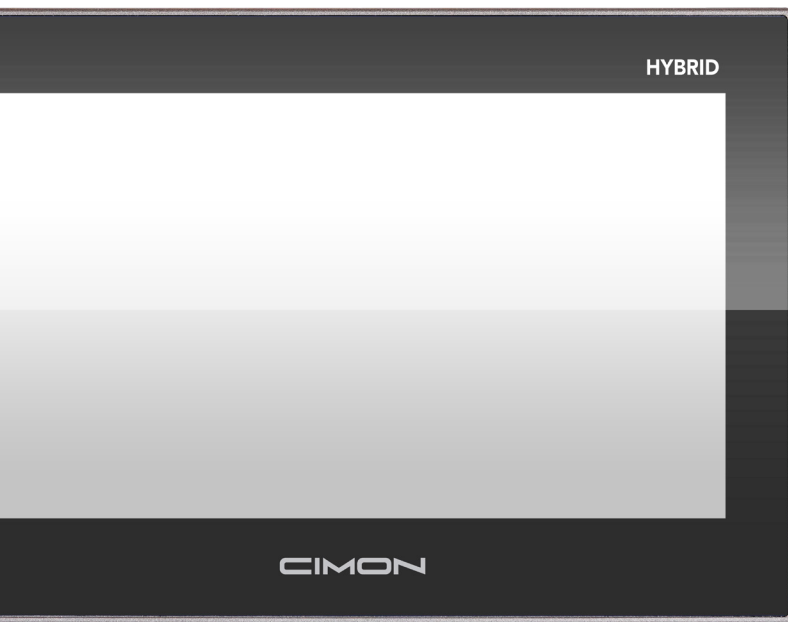
HIGH RELIABILITY

Remotely monitor & control systems from anywhere using the internet.



VESA WALL MOUNT

Easily mount Hybrid to walls, panels, and articulating arms with 100 x 100mm hole pattern



-
- PLC-S CPU built in
 - Compatible with all PLC-S modules
 - Two separate processors for HMI and PLC
 - Max. Digital I/O count = 94
 - Max Analog I/O count = 12
 - 2 Ethernet Ports (1 HMI + 1 PLC)



07"

XPANEL HYBRID

HYBRID HMI

MODEL	DESCRIPTION
CM-sHP07CD-DT	Xpanel (XT07) HMI + PLC-S (CPU RS232C, RS485), 24 VDC, 8DI/7DO Sink/USB Loader, 2 Ethernet (1 PLC + 1 HMI), SD card slot
CM-sHP07CD-DC	Xpanel (XT07) HMI + PLC-S (CPU RS232C, RS485), 24 VDC, 8DI/7DO Source/USB Loader, 2 Ethernet (1 PLC + 1 HMI), SD card slot
CM-sHP07CD-DR	Xpanel (XT07) HMI + PLC-S (CPU RS232C, RS485), 24 VDC, 8DI/8DO Relay/USB Loader, 2 Ethernet (1 PLC + 1 HMI), SD card slot



ACCESSORIES

MODEL	DESCRIPTION
CM-HP-DM	Expansion dummy for Hybrid
CM-HP-EAA	Analog Module for Hybrid (AI 2 Ch, AO 2 Ch)
CM-HP-EDR	Digital Module for Hybrid (DI 8 points, DO 6 points Relay)



CM1 SERIES PLC



CIMON offers the most reliable and cost-effective controllers for a wide range of automation systems. Our PLC lineup is comprised of the UP Series, XP Series, CP Series, PLC-S Series, and Micro-S Series to accommodate a vast variety of applications.



EXTENSIVE LINEUP

Vast lineup of PLCs precisely control anything –
From simple machines to complex facilities.



REDUNDANCY

CM1 Series PLCs feature CPU, power, and I/O
redundancy module types.



EXPANSION

Easy expansion (max. 16 bases) using Ethernet
connection



POSITIONING

Supports Motion control by
EtherCAT communication.



COMMUNICATION

Support for Ethernet and serial user protocol,
Modbus RTU/TCP, High-Speed Link, and Web Server.

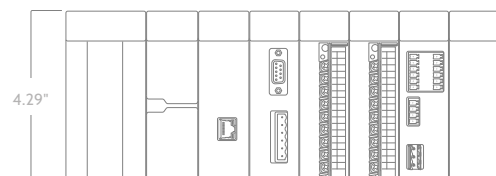


USER-FRIENDLY SOFTWARE

Intuitive UI and versatile instruction library allow
programmers to work efficiently and productively.



- High-performance CPU built-in
- Scalability through base expansion
- Real-time data logging
- Variety of special modules
- Allows open network configuration
- Embedded Auto-Tuning PID



CM1 SERIES

REDUNDANCY CONFIGURATION

MODEL	TYPE	DESCRIPTION
CM1-XP1S	CPU	128k steps/32-bit/8192 pts/Expandable/RTC/Redundancy
CM1-RC10A	Communication	CPU Redundancy communication module 100 Mbps
CM1-RM01B	I/F	Redundancy I/F Master/Standby setting
CM1-SPR	Power	Redundancy, I: 100–240 VAC, O: 5/+15/-15/24 VDC
CM1-RPW	Power	Redundancy, Power supply status monitor
CM1-EPO3A	Expansion	Expansion module 10 Mbps, 3 ports
CM1-BS05S	Base	5 slots, Redundancy power
CM1-BS08S	Base	8 slots, Redundancy power
CM1-BS10S	Base	10 slots, Redundancy power

CPU MODULE

MODEL	TYPE	DESCRIPTION
CM1-UP1F	Ultra High-Speed CPU	128k steps / Quad Core CPU / 1GB DDR3 / 8GB eMMC / Linux-based / Expandable / RS-232C / USB mini-B port / SD/MMC Card Slot
CM1-UP2F	Ultra High-Speed CPU	64k steps / Quad Core CPU / 1GB DDR3 / 8GB eMMC / Linux-based / Expandable / RS-232C / USB mini-B port / SD/MMC Card Slot
CM1-UP3F	Ultra High-Speed CPU	32k steps / Quad Core CPU / 1GB DDR3 / 8GB eMMC / Linux-based / Expandable / RS-232C / USB mini-B port / SD/MMC Card Slot
CM1-CP3E	CPU + Communication	32k steps / 1024 pts / RTC / USB mini-B port / RS-232C / FW upgrade / Expandable
CM1-CP4F	CPU + Communication	16k steps / 384 pts / RTC / USB mini-B port / RS-232C/RS-485 / FW upgrade

POWER MODULE

MODEL	TYPE	DESCRIPTION
CM1-SPC	Power	I: 100–240 VAC, O: 5/+15/-15/24 VDC
CM1-SB2B	Power	I: 24 VDC, O: 5/+15/-15 VDC
CM1-SPW	Power	I: 70–110 VDC, O: 5/+15/-15/24 VDC

BASE

MODEL	TYPE	DESCRIPTION
CM1-BS03A	Base	3 Slots
CM1-BS04A	Base	4 Slots
CM1-BS05A	Base	5 Slots
CM1-BS08A	Base	8 Slots
CM1-BS10A	Base	10 Slots
CM1-BS12A	Base	12 Slots

DIGITAL I/O MODULE

MODEL	TYPE	DESCRIPTION
CM1-XD16E	Digital Input	24 VDC input 16 pts, Sink/Source, On/Off voltage 19/11 V
CM1-XD32E	Digital Input	DC 24V Input 32pts, Sink/Source, On/OFF voltage 19V/11V (TB32M and SCB15I needed)
CM1-XD64E	Digital Input	DC 24V Input 64pts, Sink/Source, On/OFF voltage 19V/11V (2xTB32M and 2xSCB20IE needed)
CM1-YR16E	Relay Output	Relay output 16 points, 2 A/1 pt
CM1-YT16E	Digital Output	TR sink Output 16 pts, 0.5A/1pts
CM1-YT16F	Digital Output	TR Sink output 16 pts, 0.5 A/1 pt
CM1-YT32E	Digital Output	TR SINK Output 32 pts, 0.2A/1pts (TB32M and SCB15I needed)
CM1-YT32F	Digital Output	TR SOURCE Output 32 pts, 0.2A/1pts (TB32M and SCB15I needed)
CM1-YT64E	Digital Output	TR SINK Output 64 pts, 0.2A/1pts (2xTB32M and 2xSCB20IE needed)
CM1-XY16E	DI / DO	24 VDC input 8 pts, Relay output 8 pts

CM1 SERIES

ANALOG I/O MODULE

MODEL	TYPE	DESCRIPTION
CM1-ADO4VI	Analog Input	AD 4 Ch, 14-bit, Voltage/Current input
CM1-AD08V	Analog Input	AD 8 Ch, 14-bit, Voltage input
CM1-AD08I	Analog Input	AD 8 Ch, 14-bit, Current input
CM1-ADO4W	Analog Input	AD 4 Ch, 16-bit, Voltage/Current input
CM1-AD08VI	Analog Input	AD 8 Ch, 14-bit, Voltage/Current input
CM1-AD16VI	Analog Input	AD 16 Ch, 14-bit, Voltage/Current input
CM1-DA04V	Analog Output	DA 4 Ch, 14-bit, Voltage output -10–10 V
CM1-DA04VA	Analog Output	DA 4 Ch, 14-bit, Voltage output 0–10 V
CM1-DA08V	Analog Output	DA 8 Ch, 14-bit, Voltage output -10–10 V
CM1-DA08VA	Analog Output	DA 8 Ch, 14-bit, Voltage output 0–10 V
CM1-DA04I	Analog Output	DA 4 Ch, 14-bit, Current output 4–20 mA
CM1-DA04I	Analog Output	DA 8 Ch, 14-bit, Current output 4–20 mA

COMMUNICATION MODULE

MODEL	TYPE	DESCRIPTION
CM1-SC02A	Serial	RS232C 1 Port, RS422/485 1port
CM1-SC02C	Serial	RS232C 2 Ports
CM1-SC01DNP	Serial	RS232C 1Port, DNP3.0 protocol
CM1-EC01A	Ethernet	10Mbps, UDP/TCP, MODBUS TCP Slave
CM1-EC10A	Ethernet	10/100Mbps, UDP/TCP, MODBUS TCP Master or Slave
CM1-EC10B	Ethernet	100Mbps, UDP/TCP, MODBUS TCP Master or Slave, Fiber Optic
CM1-EC10C	Ethernet	10/100Mbps, UDP/TCP, DHCP
CM1-EC01DNP	Ethernet	10Mbps, DNP3.0 (Single Host)
CM1-ECO4DNP	Ethernet	10Mbps, DNP3.0 (4 Host)
CM1-BN01A	BACnet	Bacnet, 10Mbps, UDP/IP

EXPANSION MODULE

MODEL	TYPE	DESCRIPTION
CM1-EPO2F	Expansion	Multi-Exp. 100 Mbps, 2 ports

RTD & TC MODULE

MODEL	TYPE	DESCRIPTION
CM1-RD04A	RTD	4 Channels (PT100, JPT100)
CM1-RD04B	RTD	4 Channels (PT1000)
CM1-TC04A	TC	4 Channels (K,J,E,T,B,R,S,N)
CM1-TH08A	Thermistor	8 Channels (NTC)

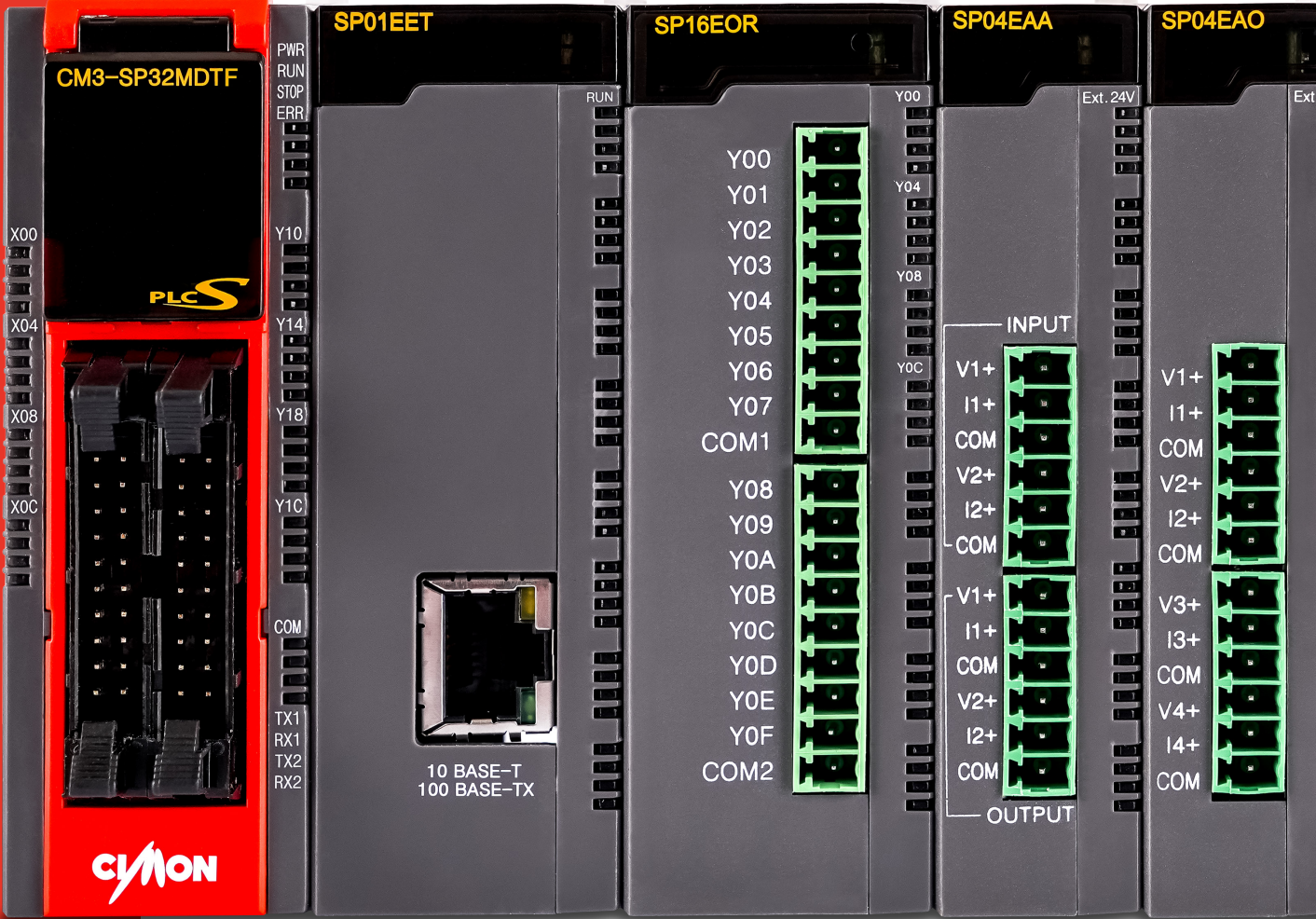
SPECIAL MODULE

MODEL	TYPE	DESCRIPTION
CM1-HS02C	HSC	2 Ch, 200kpps, PNP Open Collector. (TB32M and SCB15I needed)
CM1-HS02E	HSC	2 Ch, 250kpps, Line Drive input (TB32M and SCB15I needed)
CM1-HS02F	HSC	2 Ch, 200kpps, NPN Open Collector (TB32M and SCB15I needed)
CM1-WG02C	Load Cell	2 Ch, Strain Gauge, Resolution 1/40000, 2 mV/V (Standard)
CM1-WG02D	Load Cell	2 Ch, Strain Gauge, Resolution 1/40000, 2 mV/V, (High Speed Weighing)
CM1-WG02E	Load Cell	2 Ch, Strain Gauge, Resolution 1/40000, 3.6 mV/V (Wide Range)
CM1-LG02G	Data Logger	Ethernet 1 port (10/100 Mbps), Memory 2GB, Data Logging / AUTO Dump
CM1-PS02A	Positioning	2 Axes, Linear & Circular Interpolation, 1 Mpps, Line Driver Output
CM1-PS08N	Positioning	8 Axis/ EtherCAT, Linear & Circular & Helical Interpolation

ACCESSORIES

MODEL	TYPE	DESCRIPTION
CMO-DM	Dummy	Dummy
CMO-CBL15	Loader Cable	1.5 m, Graphic Loader PC connection
CMO-CBL30	Loader Cable	3.0 m, Graphic Loader PC connection
CMO-SCB10I	Connecting Cable	DI/DO Connecting cable (1.0 m)
CMO-SCB15IR	Connecting Cable	DI/DO Connecting cable (1.5m)
CMO-SCB20IE	Connecting Cable	DI/DO Connecting cable (2.0 m) for XD64E, YT64E
CMO-CBE05	Expansion Cable	0.5 m, Exp. module connection
CMO-CBE15	Expansion Cable	1.5 m, Exp. module connection
CMO-CBE30	Expansion Cable	3.0 m, Exp. module connection

CIMON SERIES PLC-S



The CIMON PLC-S series is designed to be the most cost-effective PLC in the world. It provides high-level performance and rock-solid reliability for small-scale industrial automation systems.

MINI MODULAR PLC



COMPACT & POWERFUL

Uncompromising performance and flexibility in a small package.



SIMPLE

DIN rail mountable and easy to install with intuitive plug-and-play expansion.



ULTRA-QUICK

Equipped with 2 high-speed counters, maximum 20 kHz (kpps)*



INTELLIGENT

Automatically recognizes protocols and supports floating-point arithmetic



COMMUNICATION

Support for Ethernet and serial user protocol, Modbus RTU/TCP, High-Speed Link, and Web Server.

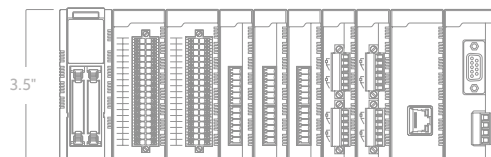


VERSATILE SOFTWARE

Special instructions, programs, and function blocks available.



- Ideal for small-to-medium scale applications
- High-performance CPU built-in
- Max. 11 modules (384 I/O pts)
- Max. 32 PID loop control with Autotune
- 100 kHz (kpps) 2-axes pulse output (motion control)
- Supports flexible expansion



*When using 1 HSC Channel

CM3 SERIES

CPU MODULE

MODEL	DESCRIPTION
CM3-SP32MDTF-SD	16DI/16DO (TR Sink), USB Loader, SD/MMC Card Slot, 2 - 20 kHz (kpps)* high-speed counters, RS-232C 1 Ch, RS-485 1 Ch, Ethernet 1 Ch
CM3-SP32MDCF-SD	16DI/16DO (TR Source), USB Loader, SD/MMC Card Slot, 2 - 20 kHz (kpps)* high-speed counters, RS232C 1 Ch, RS-485 1 Ch, Ethernet 1 Ch
CM3-SP16MDTF	8DI/8DO (TR Sink), USB Loader, RS-232C 1 Ch, 2 - 20 kHz (kpps)* high-speed counters, Ethernet 1 Ch, RS-485 1 Ch
CM3-SP16MDCF	8DI/8DO (TR Source), USB Loader, RS-232C 1 Ch, 2 - 20 kHz (kpps)* high-speed counters, Ethernet 1 Ch, RS485 1 Ch
CM3-SP16MDRV	8DI/8DO (Relay), USB Loader, RS-232C 1 Ch, RS-485 1 Ch, 2 - 20 kHz (kpps)* high-speed counters
CM3-SP16MDRF	8DI/6DO (Relay), USB Loader, RS-232C 1 Ch, 2 - 20 kHz (kpps)* high-speed counters, RS-485 1 Ch, Ethernet 1 Ch

*When using 1 HSC Channel

DIGITAL I/O MODULE

MODEL	TYPE	DESCRIPTION
CM3-SP32EDOP	Digital Input	Push-In Terminal, 24 VDC input 32 pts, Sink/Source, On/Off voltage 19/6 V
CM3-SP32EOTP	Digital Output	Push-In Terminal, TR Sink output 32 pts, 0.2 A/1 pt
CM3-SP32EOCP	Digital Output	Push-In Terminal, TR Source output 32 pts, 0.2 A/1 pt
CM3-SP32EDTP	DI / DO	Push-In Terminal, 24 VDC input 16 pts/Sink output 16 pts, 0.2 A/1 pt
CM3-SP32EDCP	DI / DO	Push-In Terminal, 24 VDC input 16 pts/Source output 16 pts, 0.2 A/1 pt
CM3-SP16EDR	DI / DO	24 VDC input 8 pts/Relay output 8 pts, 2 A/1 pt
CM3-SP16EOR	Relay Output	Digital output 16 pts, 2 A/1 pt
CM3-SP32PWM	DO-32	DO 32pts. DC24V TR Source, 4Kpps, Max. 65Kpps

ANALOG I/O MODULE

MODEL	TYPE	DESCRIPTION
CM3-SPO4EAO	Analog Input	AD 4 Ch, 14-bit, Voltage/Current input
CM3-SPO8EAO	Analog Input	AD 8 Ch, 14/16-bit, Voltage/Current input
CM3-SPO4EAA	AI / AO	AD 2 Ch/DA 2 Ch, 16-bit, Voltage/Current
CM3-SPO4ERO	RTD	4 Ch (PT100, JPT100, PT1000, NI1000 [DIN 43760 & TCR 5000])
CM3-SPO4ETO	TC	4 Ch (K, J, E, T, B, R, S, N)
CM3-SPO4EOAI	Analog Output	DA 4 Ch, 14-bit, Current output 0–20 mA
CM3-SPO4EOAV	Analog Output	DA 4 Ch, 14-bit, Voltage output -10–10 V

COMMUNICATION MODULE

MODEL	TYPE	DESCRIPTION
CM3-SPO2ERS	Serial	RS-232C 1 Ch, RS-422/485 1 Ch, Modbus RTU Master/Slave
CM3-SPO2ERR	Serial	RS-232C 2 Ch, Modbus RTU Master/Slave
CM3-SPO1EET	Ethernet	10/100 Mbps, UDP/TCP, Modbus TCP Master/Slave

SPECIAL MODULE

MODEL	TYPE	DESCRIPTION
CM3-SPO2HSC	HSC	2 Ch, 200kpps, PNP Encoder
CM3-SPO2HSD	HSC	2 Ch, 500kpps, Line Drive input

ACCESSORIES

MODEL	I/O MODULE	DESCRIPTION
CMO-TB32M	SP32M	Multi-Terminal Block
CMO-SCB15M	SP32M	Main CPU, 1.5 m Cable
CMO-SCB15E	SP32EDO, SP32EOT	I/O 32 pts 1.5 m Cable

MICRO-S BRICK



Avoid excessive time and equipment costs; Use a PLC built for small-scale applications. With a compact, cost-effective design, CIMON's state-of-the-art SB16 and SB32 Series Micro-S Brick PLCs let you start developing and producing results right away.

BRICK-TYPE PLC



COMPACT & POWERFUL

Uncompromising performance and flexibility in a small package.



SIMPLE

DIN rail mountable and easy to install. Optimizes space usage with compact size.



ULTRA-QUICK

Equipped with 2 high-speed counters, maximum 20 kHz (kpps)*



INTELLIGENT

Automatically recognizes protocols and supports floating-point arithmetic



COMMUNICATION

Support for Ethernet and serial user protocol, Modbus RTU/TCP, High-Speed Link, and Web Server.



VERSATILE SOFTWARE

Special instructions, programs, and function blocks available.



SB16 SERIES

- 10K step memory
- 8 Digital Inputs / 8 Digital Outputs
- 20 kHz (kpps) High-Speed Counters (2 ch) built-in
- 100 kHz (kpps) 2-axes pulse output built-in



SB32 SERIES

- 10K step memory
- 16 Digital Inputs / 16 Digital Outputs
- 2 Analog Inputs / 2 Analog Outputs
- 20 kHz (kpps) High-Speed Counters (2 ch) built-in
- 100 kHz (kpps) 2-axes pulse output built-in

*When using 1 HSC Channel

MICRO-S

16 I/O

MODEL	DESCRIPTION
CM3-SB16MDTF	DI8/DO8 (TR Sink), USB Loader, RS-232C 1 Ch, RS-485 1 Ch, Ethernet 1 Ch, No Expansion
CM3-SB16MDCF	DI8/DO8 (TR Source), USB Loader, RS232C 1 Ch, RS-485 1 Ch, Ethernet 1 Ch, No Expansion



BRICK-TYPE PLC

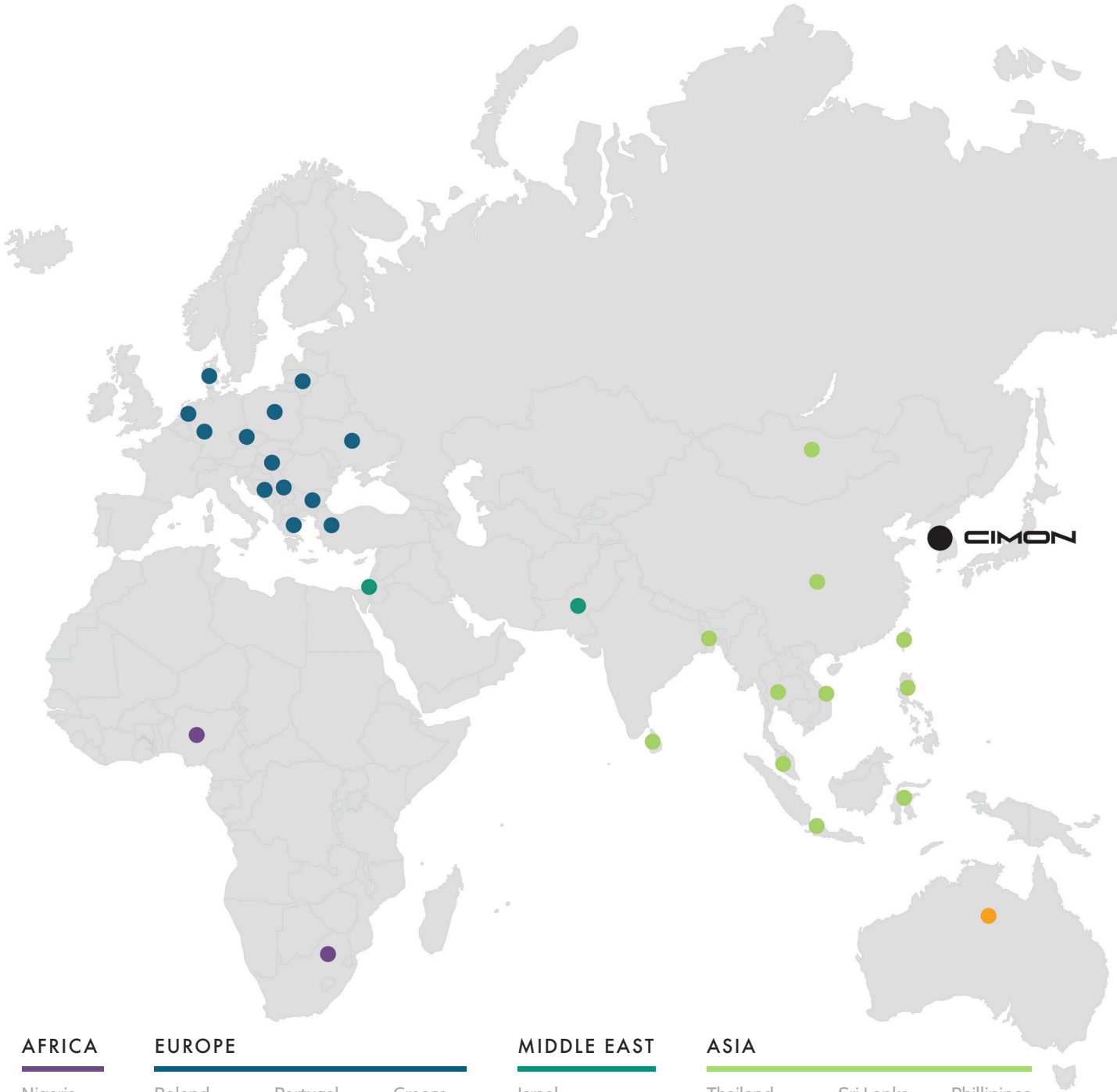
32 I/O

MODEL	DESCRIPTION
CM3-SB32MDTF	16DI/16DO (TR Sink), AI 2Ch / AO 2Ch, USB Loader, RS232C 1Ch, RS485 1Ch, Ethernet 1 Ch, No expansion
CM3-SB32MDCF	16DI/16DO (TR Source), AI 2Ch / AO 2Ch, USB Loader, RS232C 1 Ch, RS-485 1 Ch, Ethernet 1 Ch, No expansion
CM3-SB32MDRF	D16I/16DO (Relay), AI 2 Ch/AO 2 Ch, USB Loader, RS-232C 1 Ch, RS-485 1 Ch, Ethernet 1 Ch, No expansion



CIMON

GLOBAL NETWORK



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DISTRIBUTORS



CIMON

CUSTOMERS





WHAT OUR CLIENTS ARE SAYING...

They were available immediately for assistance and could be contacted at any point. They gave us all of the info we needed to get up and running and answered all of our questions!

AMY RIZZO

Business Process Manager
Annheuser-Busch

The quality of the support has been 5 stars. The problem was fully understood and solved. The technical team is very knowledgeable and professional. The excellent quality of the technical support received reaffirms my confidence with the use and application of CIMON products. I am very grateful to you for your help.

JOSE CUETO

President
Automatic Control Services, Inc.

Excellent Support. Very timely, helpful, and definitely allowed me to speed up my programming time.

MICHAEL BENNETT

Applications Engineer
B & D Industrial

Very quick with fast response. Thanks a lot for your support!

BERNARD ALEJANDRA

Director, Sales & Marketing
Serv2Share

CIMON PLC has many options for various communication ports and thus making communication very easier than other competitors. I can honestly say, CIMON PLC is the easiest product I have ever used for making communication. Besides, it offers redundancy system and numerous modules such as load cell, positioning and high speed counter.

HAYRI MUTLU

Product Manager
KON-TEK AUTOMATION Co.



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