

# **DO-MORE! H2 SERIES PLC OVERVIEW**

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## **In This Chapter...**

<b>Do-more H2 Series PLC Overview.....</b>	<b>2-2</b>
Do-more/DL205 System Compatibility.....	2-3
Communications.....	2-4

### Do-more H2 Series PLC Overview

The Do-more H2 Series PLC is the first PLC series that we introduce to you as a part of the Do-more PLC family. The Do-more H2 Series PLC utilizes most of the modules that we have been selling as the DL205 PLC. You just need to install a Do-more H2 Series CPU module into the DL205 base unit. However, the specifications of the Do-more H2 Series PLC are very different from the DL205 PLC. This overview covers the key features of the Do-more H2 Series PLC.



*Do-more H2 CPU Module*

*DL205 PLC base unit and I/O modules*

The Do-more H2 Series PLC is designed around a new control engine with a new, advanced Do-more Instruction Set for ladder programs. The new Do-more Designer software, with advanced programming and monitoring features, will be used to create your new programs.



**NOTE:** Because the Do-more PLC supports a new instruction set and new memory addressing for ladder programming, the user project made for the DL205 PLC CANNOT be used in the Do-more PLC. The DL205 user project needs to be recreated from scratch for the Do-more PLC.

### Do-more/DL205 System Compatibility

The following table lists DL205 components that are supported by the H2-DM1 and H2-DM1E Do-more CPUs.

✔ :Supported    No: Not Supported

<b>System Compatibility Table</b>						
<i>Module</i>	<i>Part Number</i>	<i>Status</i>	<i>Module</i>	<i>Part Number</i>	<i>Status</i>	
<b>Base Units</b>	D2-03B-1	✔	<b>Analog I/O Modules</b>	F2-04AD-1	✔	
	D2-04B-1	✔		F2-04AD-2	✔	
	D2-06B-1	✔		F2-08AD-1	✔	
	D2-09B-1	✔		F2-08AD-2	✔	
	D2-03BDC1-1	✔		F2-04RTD	✔	
	D2-04BDC1-1	✔		F2-04THM	✔	
	D2-06BDC1-1	✔		F2-02DA-1(L)	✔	
	D2-09BDC1-1	✔		F2-02DA-2(L)	✔	
	D2-06BDC2-1	✔		F2-02DAS-1	✔	
	D2-09BDC2-1	✔		F2-02DAS-2	✔	
<b>Discrete I/O Modules</b>	D2-08ND3	✔	<b>Local Expansion Modules</b>	F2-08DA-1	✔	
	D2-16ND3-2	✔		F2-08DA-2	✔	
	D2-32ND3	✔		F2-4AD2DA	✔	
	D2-32ND3-2	✔		F2-8AD4DA-1	✔	
	D2-08NA-1	✔		F2-8AD4DA-2	✔	
	D2-08NA-2	✔		D2-CM	No	
	D2-16NA	✔		D2-EM	No	
	D2-04TD1	✔		<b>Specialty Modules</b>	H2-ERM(100)	✔
	D2-08TD1	✔			H2-ERM-F	✔
	D2-08TD2	✔			D2-RMSM	No
	D2-16TD1-2	✔	D2-RSSS		No	
	D2-16TD2-2	✔	H2-ECOM100		✔	
	F2-16TD1P	✔	H2-ECOM-F		✔	
	F2-16TD2P	✔	D2-DCM		No	
	D2-32TD1	✔	H2-EBC100		✔	
	D2-32TD2	✔	H2-EBC-F		✔	
	D2-08TA	✔	H2-SERIO		✔	
	F2-08TA	✔	H2-SERIO-4		✔	
	D2-12TA	✔	F2-CP128		No	
	D2-04TRS	✔	H2-CTRIO		✔	
	D2-08TR	✔	H2-CTRIO2		✔	
	F2-08TR	✔	D2-CTRINT		No	
	F2-08TRS	✔	F2-08SIM		✔	
	D2-12TR	✔	D2-HPP		No	
	D2-08CDR	✔	<b>Programmer</b>		D2-HPP	No
			<b>Operator Interface</b>		DV-1000	No

### Communications

The Do-more H2 Series PLC supports many communication protocols. The following table shows which CPU module communications port or specialty module supports each protocol.

Protocols	CPU Modules			Specialty Modules			
	H2-DM1 / H2-DM1E		H2-DM1E	H2-ECOM100	H2-ECOM-F	H2-SERIO H2-SERIO-4	H2-ERM(100) H2-ERM-F
	USB Port	RS-232 Serial Port	Ethernet Port				
<i>Do-more Designer Programming</i>	Yes	Yes	Yes	Yes		Yes	
<i>Ethernet/IP</i>			Yes				
<i>Modbus/RTU Client (Master)</i>		Yes				Yes	
<i>Modbus/RTU Server (Slave)</i>		Yes				Yes	
<i>Modbus/TCP Client (Master)</i>			Yes	Yes			
<i>Modbus/TCP Server (Slave)</i>			Yes	Yes			
<i>DirectLOGIC RX/WX Client (Master)</i>			Yes	Yes	Yes		
<i>DirectLOGIC RX/WX Server (Slave)</i>			Yes	Yes	Yes		
<i>K-Sequence Server (Slave)</i>		Yes		Yes	Yes	Yes	
<i>DirectNET Server (Slave)</i>				Yes	Yes		
<i>HEI Ethernet Remote I/O Master</i>			Yes				Yes
<i>SMTP (EMail) Client w/ Authentication</i>			Yes				
<i>Simple Network Time Protocol (SNTP) Client</i>			Yes				
<i>Do-more/PEERLINK</i>			Yes				
<i>Do-more Time Synchronization Protocol (Client, Server, Alternate Client)</i>			Yes				
<i>Do-more Logger/UDP</i>			Yes				
<i>Serial ad-hoc ASCII/ Binary Programmatic Control</i>		Yes				Yes	
<i>UDP ad-hoc Programmatic Control</i>			Yes				
<i>TCP Client Programmatic Control</i>			Yes				
<i>TCP Server Programmatic Control</i>			Yes				

Blank: Not Supported