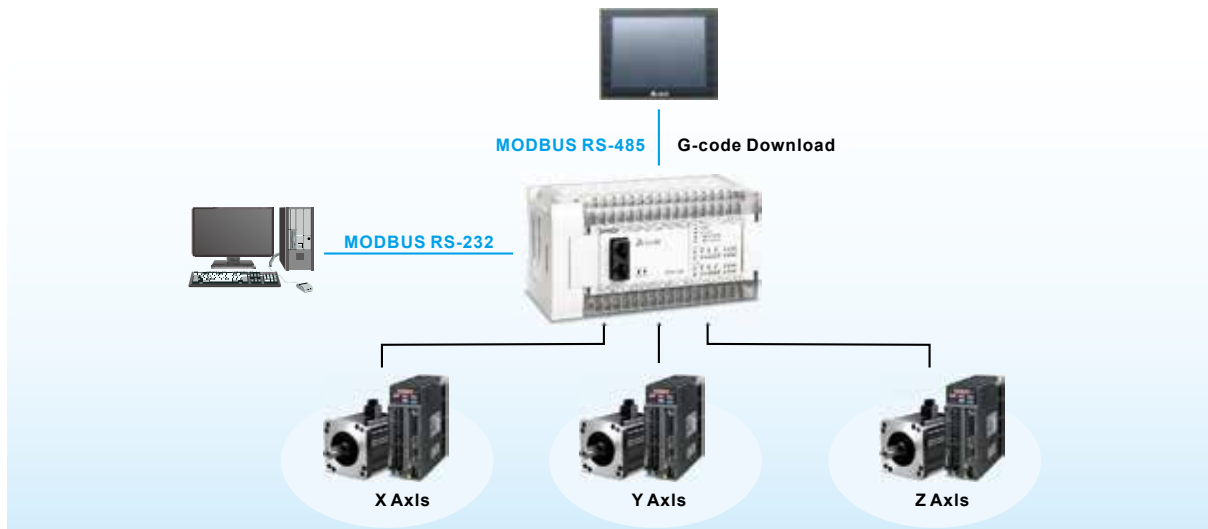


DVP-PM Series High-speed Pulse-train Motion Controller

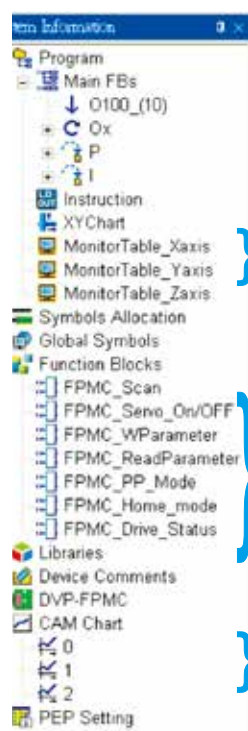


Function Cards for DVP-PM

Model name	Specifications	Features
PM-PCC01	Data backup memory card	Auto read/write program
DVP-FPMC	Ethernet/CANopen communication card *Supports DVP-EH2 function cards: DVP-F2AD, DVP-F2DA, DVP-F232S, DVP-F485S	1. Complies with CANopen CiA301 V4.0.2 protocol. 2. Supports CANopen CiA402 V2.0 synchronous axes, 126 asynchronous axes. 3. Provides high-speed upload/download of Ethernet program.

PMSoft

The programming software for G-code editing, motion trajectory simulation, positioning route instruction and electronic cam establishment



Variable Declaration

Separate from the program. The corresponding physical I/O point of the variable is defined only after the program is compiled. Users do not need to modify the program.

Function Block

A complicated project can be divided into many function blocks. A function block can be used repeatedly. The import/export function makes the programming more convenient.

Full Monitoring

The "program monitoring" and "device monitoring" allow users to keep track of the operation of the program.

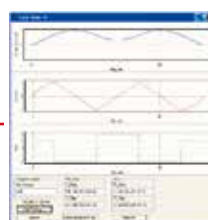
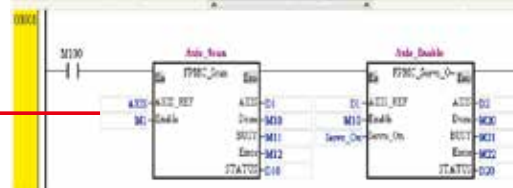
Motion Network Function Block

PLC Open Function Block function

Electronic Cam

Electronic cam editing

Class	Variables	Address	Type	Initial	Comment
VAR	Axis_Scan		FPNC_Scan		FPNC對ASO-A
VAR	Axis_Enable		FPNC_Servo_OnOff		FPNC對ASO-A
VAR	Axis_WP		FPNC_WParameter		FPNC對ASO-A
VAR	Axis_FF		FPNC_ReadParameter		FPNC對ASO-A



Axis No.	Addressing	Device ID	Cyclic Data	Resolution
0	0	0	100	100
1	20	1	100	100
2	40	2	100	100
3	60	3	100	100

Ordering Information

Communication Converter

Product name	Description	Model name	Certificates
Converter	USB to RS-485 converter	IFD6500	 
	USB to CAN converter	IFD6503	
	USB to RS-485 converter	IFD6530	
	MODBUS TCP to RS-232/485 converter	IFD9506	
	EtherNet/IP to RS-232/485 converter	IFD9507	
	DeviceNet to RS-232/485 converter	IFD9502	
	CANopen to RS-232/485 converter	IFD9503	
	RS-232 to RS-422/485 isolated converter	IFD8500	
	RS-485 to RS-422 isolated repeater	IFD8510	
	RS-422/485 to RS-232 addressable isolated converter	IFD8520	

PM Series

Product name	Power supply	Output method	Inputs	Outputs	Model name	Certificates
General purpose motion controller	100~240VAC	Differential (Built-in 4-axis of independent 1MHz pulse output)	16	16	DVP10PM00M	 
Professional motion controller	100~240VAC	Differential (Built-in 2-axis of independent 500kHz pulse output) (Built-in 3-axis of independent 500kHz pulse output)	8	8	DVP20PM00DT DVP20PM00D DVP20PM00M	
PM series extension module		Description			Model name	
DVP-PM Communication card		Ethernet/CANopen communication card			DVP-FPMC	
DVP-PM Memory card		Data backup memory card (64k words)			PM-PCC01	
Execution time of basic instructions		0.13μs		Execution time of MOV instruction		3.74μs

MC Series

Product name	Power supply	Output method	Inputs	Outputs	Model name	Certificates
Network type motion controller	24VDC	CANopen DS402	8	4	DVP10MC11T	 

TP Series

Product name	Description							Model name	Certificates
TP02	Resolution: 160 x 32, Serial COM ports: RS-232 & RS-485							TP02G-AS1	 
TP04	Resolution: 128 x 64, Serial COM ports: RS-232 & RS-422/RS-485							TP04G-AS2	
	Resolution: 192 x 64, Serial COM ports: RS-232 & RS-422/RS-485							TP04G-AL2	
	Resolution: 192 x 64, Serial COM ports: RS-232							TP04G-AL-C	
	Resolution: 192 x 64, Serial COM ports: RS-232 & RS-422/RS-485, 0~9 numeric keys available							TP04G-BL-C	
TP04P	Resolution: 192 x 64, Serial COM ports: USB & RS-485	8DI	8DO	-	-	Relay	TP04P-16TP1R	 	
		8DI	16DO	-	-	Relay	TP04P-32TP1R		
		8DI	8DO	4AI	2AO	Relay	TP04P-22XAIR		
		8DI	8DO	2AI	1AO	Relay	TP04P-21EX1R		
TP08	Resolution: 240 x 128, Serial COM ports: RS-232 & RS-422/RS-485,0~9 numeric keys available							TP08G-BT2	