



2nd Generation Analog I/O Slim PLC DVP-SX2

- **Compact PLC with Outstanding Analog Functions**
- **4 Analog Inputs, 2 Analog Outputs, High Efficient PID Auto Tuning Performance**
 - ▶ Adopts 32-bit CPU
 - ▶ Program capacity: 16k steps/Data register: 10k words
 - ▶ Higher execution speed compared to the competition: LD: 0.35μs, MOV: 3.4μs
 - ▶ Built-in mini USB, RS-232 and RS-485 ports (Master/Slave)
 - ▶ Supports standard MODBUS ASCII/RTU protocol and PLC Link function
 - ▶ Supports real time clock for version 2.0 and above (no battery required) It operates for at least one week after power off
 - ▶ Supports DVP-S series left-side and right-side modules

Motion Control Functions

- ▶ 4 points of high-speed pulse output: 100kHz/2 points, 10kHz/2 points
- ▶ 8 points of high-speed pulse input: 100kHz/2 points, 10kHz/6 points
- ▶ Supports 2-axis linear and arc interpolation

Built-in Analog I/O

Analog Input		Analog Output	
Channels	4	Channels	2
Resolution	12-bit	Resolution	12-bit
Spec.	-20~20mA or -10~10V 4~20mA	Spec.	0~20mA or -10V~10V 4~20mA

Network Type Advanced Slim PLC DVP-SE

- **The most complete network type slim PLC in the industry**
- **Provides 8 digital inputs and 4 digital outputs**
- **Built-in mini USB, Ethernet, and 2 RS-485 ports**
 - ▶ Adopts 32-bit CPU
 - ▶ Program capacity: 16k steps/Data register: 12k words
 - ▶ Higher execution speed compared to the competition: LD: 0.64μs, MOV: 2μs
 - ▶ Built-in Ethernet supports MODBUS TCP and Ethernet/IP
 - ▶ IP Filter function is a firewall that offers the first line of defense and provides protection from malware and network threats
 - ▶ Supports DVP-S series left-side and right-side modules
 - ▶ No battery required. Maintenance-free (Real time clock operates for 15 days after power off)

Motion Control Functions

- ▶ 4 points of high-speed pulse output: 100kHz/2 points, 10kHz/2 points
- ▶ 8 points of high-speed pulse input: 100kHz/2 points, 10kHz/6 points
- ▶ Supports 2-axis linear and arc interpolation

Built-in High-Speed Counters

1-phase 1 input		1-phase 2 inputs		2-phase 2 inputs	
Counters	Bandwidth	Counters	Bandwidth	Counters	Bandwidth
2/6	100kHz/10kHz	2	100kHz	1/3	50kHz/5kHz

S Series PLC

Compact, Flexible Extension!

DVP-SS2

2nd Generation Standard Slim PLC



Model name	Specifications
DVP14SS211R	⓪ :DC power supply 8 : Inputs 6 : Outputs (R) →
DVP14SS211T	⓪ :DC power supply 8 : Inputs 6 : Outputs (T) →
DVP12SS211S	⓪ :DC power supply 8 : Inputs 4 : Outputs (S) →

⓪ :DC power supply 8 : Inputs 6 : Outputs
 (T) → :Transistor output (NPN) (R) → :Relay output
 (S) → :Transistor output (PNP)

DVP-SX2

2nd Generation Analog I/O Slim PLC



Model name	Specifications
DVP20SX211R	⓪ :DC power supply 8 : Inputs 6 : Outputs (R) → 4AI/2AO
DVP20SX211T	⓪ :DC power supply 8 : Inputs 6 : Outputs (T) → 4AI/2AO
DVP20SX211S	⓪ :DC power supply 8 : Inputs 6 : Outputs (S) → 4AI/2AO

⓪ :DC power supply 8 : Inputs 6 : Outputs
 (T) → :Transistor output (NPN) (R) → :Relay output
 (S) → :Transistor output (PNP)

DVP-SA2

2nd Generation Advanced Slim PLC



Model name	Specifications
DVP12SA211R	⓪ :DC power supply 8 : Inputs 4 : Outputs (R) →
DVP12SA211T	⓪ :DC power supply 8 : Inputs 4 : Outputs (T) →

⓪ :DC power supply 8 : Inputs 4 : Outputs
 (T) → :Transistor output (R) → :Relay output



DVP-SV2

High Performance Slim PLC

Model name	Specifications
DVP28SV11R2	⓪ :DC power supply 16 : Inputs 12 : Outputs (R) →
DVP28SV11T2	⓪ :DC power supply 16 : Inputs 12 : Outputs (T) →
DVP28SV11S2	⓪ :DC power supply 16 : Inputs 12 : Outputs (S) →
DVP24SV11T2	⓪ :DC power supply 10 : Inputs 12 : Outputs (T) → 2AI

⓪ :DC power supply 16 : Inputs 12 : Outputs
 (T) → :Transistor output (NPN) (R) → :Relay output
 (S) → :Transistor output (PNP)

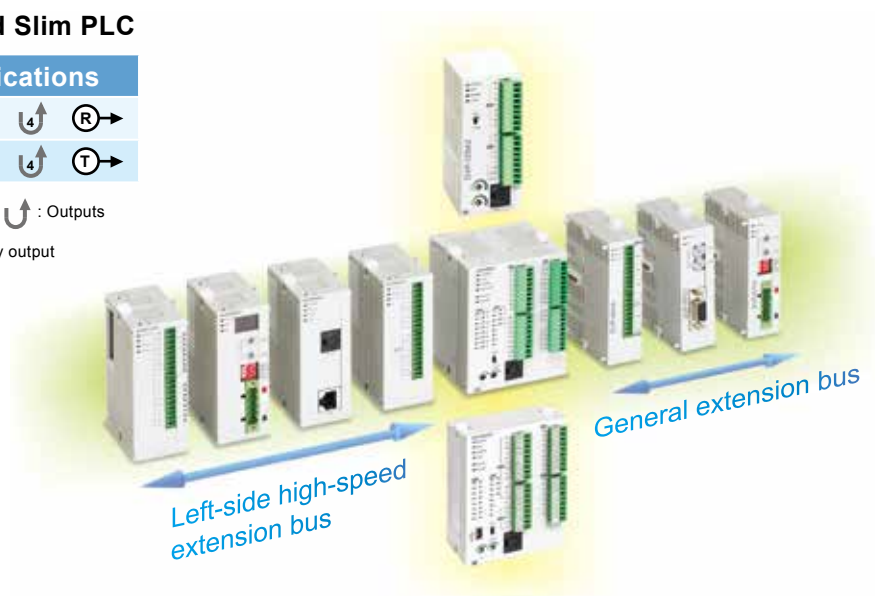
DVP-SE

Network Type Advanced Slim PLC



Model name	Specifications
DVP12SE11R	⓪ :DC power supply 8 : Inputs 4 : Outputs (R) →
DVP12SE11T	⓪ :DC power supply 8 : Inputs 4 : Outputs (T) →

⓪ :DC power supply 8 : Inputs 4 : Outputs
 (T) → :Transistor output (R) → :Relay output



Ordering Information

S Series PLC

Product name	Power supply	Output method	Inputs	Outputs	Model name	Certificates
SV2 series functional PLC	24VDC	Relay	16	12	DVP28SV11R2	 
	24VDC	Transistor (NPN)	16	12	DVP28SV11T2	
	24VDC	Transistor (PNP)	16	12	DVP28SV11S2	
	24VDC	Transistor (NPN)	10 (2AI)	12	DVP24SV11T2	
Execution time of basic instructions			0.24μs			
SS2 series standard PLC	24VDC	Relay	8	6	DVP14SS211R	 
	24VDC	Transistor (NPN)	8	6	DVP14SS211T	
	24VDC	Transistor(PNP)	8	4	DVP12SS211S	
SA2 series advanced PLC	24VDC	Relay	8	4	DVP12SA211R	
	24VDC	Transistor	8	4	DVP12SA211T	
SX2 series analog PLC	24VDC	Relay	8 (4AI)	6(2AO)	DVP20SX211R	
	24VDC	Transistor (NPN)	8 (4AI)	6(2AO)	DVP20SX211T	
	24VDC	Transistor (PNP)	8 (4AI)	6(2AO)	DVP20SX211S	
Fastest execution time of basic instructions		0.35μs	Execution time of MOV instruction		3.4μs	
SE network PLC	24VDC	Relay	8	4	DVP12SE11R	 
	24VDC	Transistor	8	4	DVP12SE11T	
Fastest execution time of basic instructions		0.64μs	Execution time of MOV instruction		2μs	
SX series analog PLC	24VDC	Relay	4 (2AI)	2 (2AO)	DVP10SX11R	 
	24VDC	Transistor	4 (2AI)	2 (2AO)	DVP10SX11T	
Fastest execution time of basic instructions		3.8μs	Execution time of MOV instruction		5.04μs	

S Series Digital/Analog Module

Product name	Output method	Inputs	Outputs	Model name	Certificates
Digital module	Relay	-	6	DVP06SN11R	 
	Relay	-	8	DVP08SN11R	
	Transistor	-	8	DVP08SN11T	
	Transistor	-	16	DVP16SN11T	
	Relay	4	4	DVP08SP11R	
	Transistor	4	4	DVP08SP11T	
	-	8	-	DVP08SM11N	
	-	8	-	DVP08SM10N	
	Transistor (PNP)	-	8	DVP08SN11TS	
	Digital switch	8	-	DVP08ST11N	
	Relay	8	8	DVP16SP11R	
	Transistor (PNP)	4	4	DVP08SP11TS	
	Transistor (NPN)	8	8	DVP16SP11T	
	Transistor (PNP)	8	8	DVP16SP11TS	
	Transistor (PNP)	-	16	DVP16SN11TS	
	-	16	-	DVP16SM11N	
	Transistor, Latched connector	-	32	DVP32SN11TN	
	Latched connector	32	-	DVP32SM11N	
Product name	Description			Model name	Certificates
Analog I/O module	• 4 points of analog input voltage (-10V~+10V)/current (-20mA~+20mA) ¹⁾	• Input resolution: 14-bit (can switch to 16-bit)	• Built-in RS-485 interface	DVP04AD-S2	 
	• 4 points of analog input voltage (0V~+10V)/current (0mA~+20mA) ¹⁾	• Resolution: 14-bit (can switch to 16-bit)	• Built-in RS-485 interface	DVP04DA-S2	
	• Analog input+output module (6 points)	• 2 points of analog output voltage (0V~+10V)/current (0mA~+20mA)	• Input/output resolution: 12-bit (can switch to 16-bit)	DVP06XA-S2	
	• 4 points of analog input voltage (-10V~+10V)/current (-20mA~+20mA)	• Built-in RS-485 interface			
	• 4 points of analog input voltage (-10V~+10V)/ current (-20mA~+20mA) ¹⁾	• Built-in RS-485 interface		DVP04AD-S	
	• Input resolution: 14-bit				