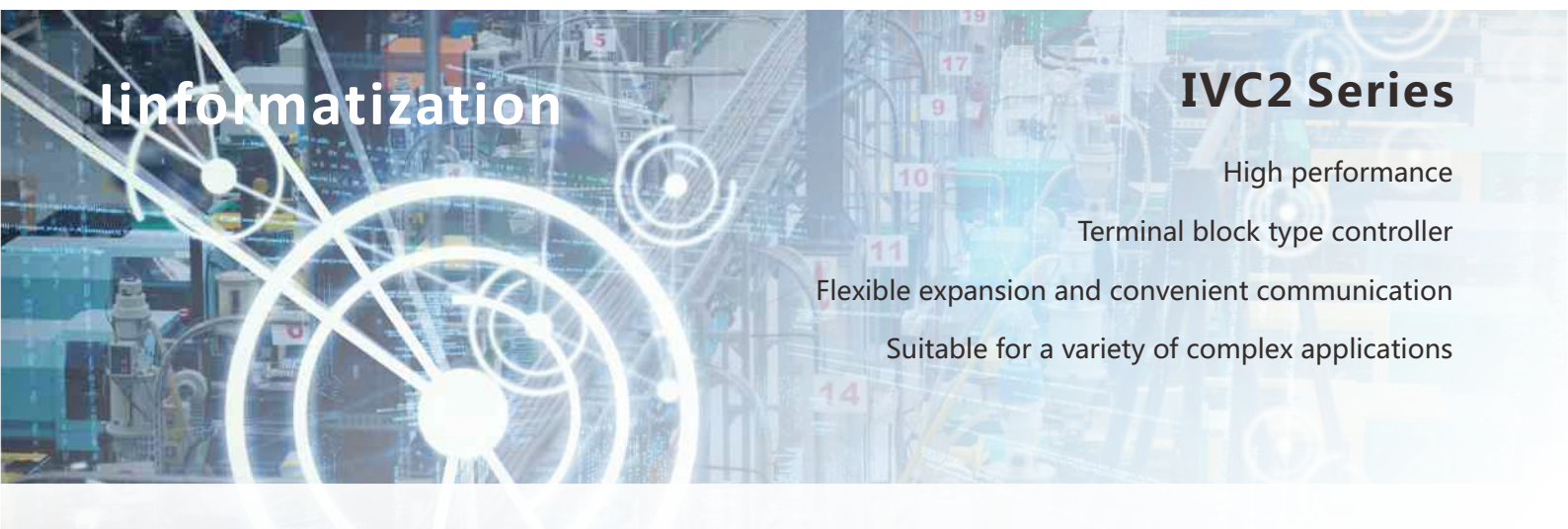


# Programmable logic controller

IVC2 Series | CE |

High cost performance  
Satisfies wide range of demands.



# Specification

Items		Specifications
Basic	Operation speed	0.065μs
	Real-time clock	Available (at least 3 year)
Memory	Program capacity	32k steps
	Program save at power off	Available
	Soft element at power off	All elements except R element
	Hardware support	Backup battery(3 years)
IO	Logic Max. I/O	512 points
	Max. extension modules	8 units
	Digital filtering function	Group X0 ~ X1 and Group X2~X5, filter constant of each group can be set and the range is 0 ~ 60000us
positioning	Pulse output	3 axes 100KHz ( Transistor type )
	Single phase counter	2×100kHz, 4×10kHz
	Dual phase counter	1×50kHz, 2×5kHz
Protocols	CAN	CANopen DS301 protocol (master), Max. 32 stations, Support 64 TxPDO and 64 RxPDO; CANopen DS301 protocol (slave), Supports 4 TxPDO and 4 RxPDO
	Ethernet	Modbus TCP protocol: program upload/download and monitor
	Serial port	PORT0: RS232; baud rate: max. 115200bps PORT1: RS485; baud rate: max. 115200bps PORT2: RS485; baud rate: max. 115200bps; terminal resistor: built-in, controlled by dial switch
	USB	Standard: USB2.0, Mini-USB interface Function: program upload/download, monitor and firmware update
	Communication protocol	CANopen/Modbus TCP/Modbus/Freeport/N:N/programming protocol

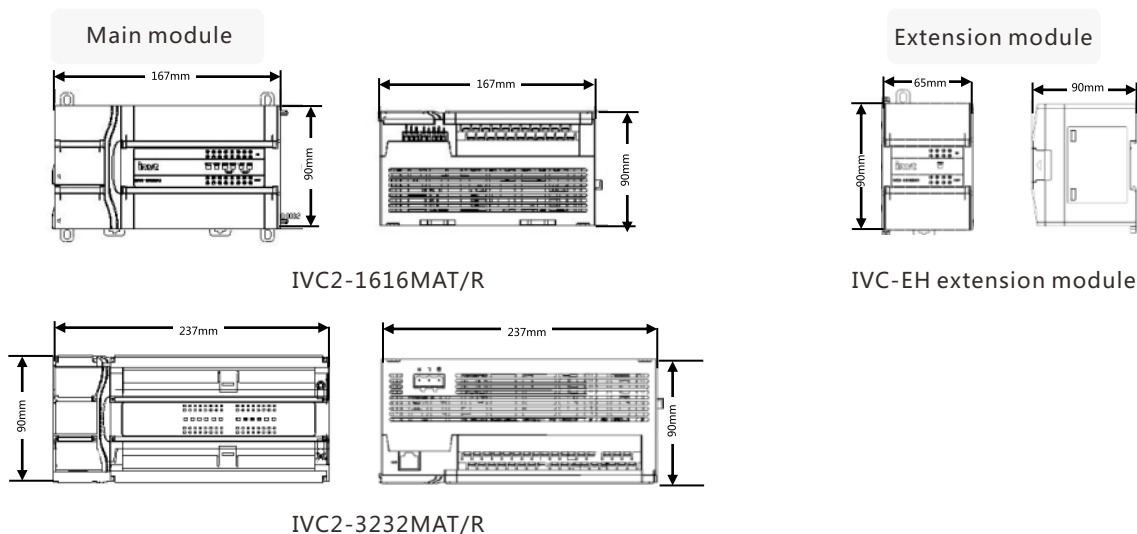
Main module	Specification
IVC2-1616MAR	16 input and 16 relay output
IVC2-1616MAT	3 axes, 16 input and 16 transistor output
IVC2-3232MAR	32 input and 32 relay output
IVC2-3232MAT	3 axes, 32 input and 32 transistor output

I/O extension module	Specification
IVC-EH-0808ENR	DC24V input 8 points, relay output 8 points
IVC-EH-0808ENT	DC24V input 8 points, transistor output 8 points
IVC-EH-1600ENN	DC24V input 16 points
IVC-EH-0016ENR	Relay output 16 points
IVC-EH-0016ENT	Transistor output 16 points
IVC-EH-1616ENT	DC24V input 16 points, transistor output 16 points

Special extension module	Specification
IVC-EH-4AD	Analog input 4 channels
IVC-EH-4DA	Analog output 4 channels
IVC-EH-4TC	Thermocouple input 4 channels
IVC-EH-4PT	Thermal resistor input 4 channels
IVC-EH-PWR	Power extension module

Cable	Specification	Length
IVC-SL1	PLC-VS series HMI communication cable	3m
IVC-SL2	PLC download cable(USB)	2m
IVC-SL3	PLC-VT/VK series HMI communication cable	3m
IVC-SL4	HMI download cable(USB)	1.5m
IVC-SL5	PLC-VT/VK series HMI communication cable	7m
IVC-SL8	PLC-VS series HMI communication cable	7m

## Dimensions ( Unit : mm )



Service hotline: 400-700-9997 Website: [www.invt-control.com](http://www.invt-control.com)

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**Industrial automation:** ■ Inverter ■ Servo system ■ Motor, electric spindle ■ Electronic control system  
 ■ HMI ■ PLC ■ Traction system of rail transit ■ Intelligent elevator control system

**Energy power:** ■ SVG ■ Solar inverter ■ UPS ■ Online management system for energy reduction ■ Electronic control system for new energy vehicle