

VISION 350™ COLOR OPLC

PROGRAMMABLE LOGIC CONTROL + HMI(PLC + HMI)

คุณสมบัติ

HMI

- จอแสดงผลขนาด 3.5 นิ้ว
- จอแสดงผลชนิด TFT ความละเอียด สี 65,536 สี + LED Backlight
- แสดงผลในรูปแบบกราฟเส้นได้
- IP66/65/NEMA4X

PLC

- สามารถใช้งานร่วมกับ Snap-in I/O ได้
- I/O options include high - speed, temperature & weight measurement
- Auto-tune PID, up to 24 independent loops
- Micro SD card-log, backup, clone & more
- สามารถสื่อสารแบบ RS232/485, Ethernet, CANBUS และ USB ได้

Flat Panel



Vision 350-J

Classic Panel



Vision 350

ข้อมูลทางเทคนิค

Color it beautiful!

Power PLC, Color Touchscreen & onboard, expandable I/Os (up to 512)

Article Number										V350-S-TA24
										V350-JS-TA24
Classic Panel	V350-35-B1	V350-35-TR20	V350-35-R34	V350-35-TR34	V350-35-TR6	V350-35-RA22	V350-35-TRA22	V350-35-T2	V350-35-T38	V350-35-TA24
New Flat Panel	V350-J-B1	V350-J-TR20	V350-J-R34	V350-J-TR34	V350-J-TR6	V350-J-RA22	V350-J-TRA22	V350-J-T2	V350-J-T38	V350-J-TA24
	No onboard I/Os	10 Digital 2 D/A Inputs ¹ 6 Relay Outputs 2 High-speed Transistor Outputs	20 Digital 2 D/A Inputs ¹ 12 Relay Outputs	20 Digital 2 D/A Inputs ¹ 8 Relay 4 High-speed Transistor Outputs	6 Digital 2 D/A, 4 Analog Inputs ¹ 6 Relay 2 High-speed Transistor Outputs	8 Digital 2 D/A, 2 PT100/TC/ Digital ¹ Inputs 8 Relay 2 Analog Outputs	8 Digital, 2 D/A 2 PT100/TC/ Digital ¹ Inputs 4 Relay, 2 Analog 4 High-speed Transistor Outputs	10 Digital 2 D/A Inputs ¹ 12 Transistor Outputs	20 Digital 2 D/A Inputs ¹ 16 Transistor Outputs	8 Digital 2 D/A, 2 PT100/ TC/Digital ¹ Inputs 10 Transistor 2 Analog Outputs
Inputs										
Digital	None	12	22	22	8	12	12	12	22	12
HSC/Shaft-Encoder/ Max Freq. Measurer ^{2,3}		3 200kHz ⁴ 32-bit	3 30kHz 32-bit	3 200kHz ⁴ 32-bit	1 200kHz ⁴ 32-bit	1 30kHz 32-bit	1 200kHz ⁴ 32-bit	3 30kHz 32-bit	2 30kHz 32-bit	1 30kHz 32-bit
Analog		2 10-bit, 0-10V 0-20mA 4-20mA	2 10-bit, 0-10V 0-20mA 4-20mA	2 10-bit, 0-10V 0-20mA 4-20mA	2 10-bit, 0-10V 0-20mA, 4-20mA and 4 10-bit, 0-20mA 4-20mA	2 14-bit 0-10V, 0-20mA 4-20mA	2 (2 modes) Normal: 14-bit Fast: 12-bit 0-10V, 0-20mA 4-20mA and as 2 PT100/TC	2 10-bit 0-10V 0-20mA 4-20mA	2 10-bit 0-10V, 0-20mA 4-20mA	2 (2 modes) Normal: 14-bit Fast: 12-bit 0-10V, 0-20mA, 4-20mA and as 2 PT100/TC
Temperature Measurement		None	None	None	None	and as 2 PT100/TC		None	None	
Outputs										
Digital		6 relay	12 relay	8 relay	6 relay	8 relay	4 relay	12 pnp	16 pnp	10 pnp
High-speed Outputs/PWM		2 npn (2 PTO) 200kHz max	None	4 npn (3 PTO) 200kHz max	2 npn (2 PTO) 200kHz max	None	4 npn (2 PTO) 200kHz max	7 0.5kHz	7 0.5kHz	5 0.5kHz
Analog		None	None	None	None	2 12-bit 0-10V, 4-20mA	2 12-bit 0-10V, 4-20mA	None	None	2 12-bit 0-10V, 4-20mA
I/O Expansion										
Local or Remote I/Os may be added via expansion port or via CANbus										
Program										
Application Memory	Application Logic: 1MB • Images: 6MB • Fonts: 512K									
Scan Time	15μ sec per 1K of typical application									
Memory Operands	8192 coils, 4096 registers, 512 long integers (32-bit), 256 double words (32-bit unsigned), 64 floats, 384 timers (32-bit), 32 counters Additional non-retainable operands: 1024 X-bits, 512 X-integers, 256 X-long integers, 64 X-double words									
Data Tables	120K dynamic RAM data (recipe parameters, datalogs, etc.), up to 256K Flash data									
SD card (Micro)	Store datalogs, Alarm History, Data Tables, Trend data, export to Excel • Back up Ladder, HMI & OS, done PLCs									
Enhanced Features	Trends: graph any value and display on HMI • String Library: instantly switch HMI language									

ข้อมูลทางเทคนิค (ต่อ)

											V350-S-TA24
											V350-JS-TA24
Article Number											
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New Flat Panel	V350-J-B1	V350-J-TR20	V350-J-R34	V350-J-TR34	V350-J-TR6	V350-J-RA22	V350-J-TRA22	V350-J-T2	V350-J-T38	V350-J-TA24	
Operator Panel											
Type & Colors		TFT LCD • 65,536 colors, 16-bit resolution • Brightness- Adjustable via touchscreen or software									
Display		Resolution: 320 x 240 pixels (QVGA) • Size: 3.5"									
Touchscreen		Resistive, Analog									
Keys		5 programmable keys. Labeling options- function keys, arrows, or customized									
General											
Power Supply		24VDC, except for V350-35-B1, which is 12/24VDC									
Battery		7 years typical at 77°F, battery back-up for all memory sections and RTC									
Environment		NEMA4X/IP66/IP65 (when panel mounted)									
Clock		Real-time clock functions (date and time)									

คุณสมบัติพิเศษ

- ☒ Color Display
- ☒ Touch Screen
- ☒ HMI Graph
- ☒ Multi Language
- ☒ Keypad
- ☒ Alarm History
- ☒ SD Card
- ☒ TCP/IP*
- ☐ USB

- ☒ Web Server
- ☒ Send e-mail
- ☐ VNC connect to Smart Phone or PC
- ☒ CANbus
- ☒ MODBUS
- ☒ SMS
- ☐ Snap-in I/O
- ☒ Expansion

- ☒ Remote Expansion**
- ☐ Audio Player
- ☒ Auto-tune PID
- ☒ Data Logging & Trend
- ☒ Data Table
- ☒ Remote Access

* Option Card

** Option Card CANBUS