

**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)

V350-S-TA24

V350-JS-TA24

Article Number										
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
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 <sup>1</sup> 6 Relay Outputs 2 High-speed Transistor Outputs	20 Digital 2 D/A Inputs <sup>1</sup> 12 Relay Outputs	20 Digital 2 D/A Inputs <sup>1</sup> 8 Relay 4 High-speed Transistor Outputs	6 Digital 2 D/A, 4 Analog Inputs <sup>1</sup> 6 Relay 2 High-speed Transistor Outputs	8 Digital 2 D/A, 2 PT100/TC/ Digital <sup>1</sup> Inputs 8 Relay 2 Analog Outputs	8 Digital, 2 D/A 2 PT100/TC/ Digital <sup>1</sup> Inputs 4 Relay, 2 Analog 4 High-speed Transistor Outputs	10 Digital 2 D/A Inputs <sup>1</sup> 12 Transistor Outputs	20 Digital 2 D/A Inputs <sup>1</sup> 16 Transistor Outputs	8 Digital 2 D/A, 2 PT100/ TC/Digital <sup>1</sup> Inputs 10 Transistor 2 Analog Outputs
<b>Inputs</b>										
Digital		12	22	22	8	12	12	12	22	12
HSC/Shaft-Encoder/ Max Freq. Measurer <sup>2&amp;3</sup>		3 200kHz <sup>4</sup> 32-bit	3 30kHz 32-bit	3 200kHz <sup>4</sup> 32-bit	1 200kHz <sup>4</sup> 32-bit	1 30kHz 32-bit	1 200kHz <sup>4</sup> 32-bit	3 30kHz 32-bit	2 30kHz 32-bit	1 30kHz 32-bit
Analog	None	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 <b>and</b> 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 <b>and as</b> 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 <b>and as</b> 2 PT100/TC
Temperature Measurement		None	None	None	None	<b>and as</b> 2 PT100/TC	<b>and as</b> 2 PT100/TC	None	None	<b>and as</b> 2 PT100/TC
<b>Outputs</b>										
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
<b>I/O Expansion</b>	Local or Remote I/Os may be added via expansion port or via CANbus									
<b>Program</b>	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											
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	
<b>Operator Panel</b>											
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										
<b>General</b>											
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

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|--|---|--|
| <input checked="" type="checkbox"/> Color Display  | <input checked="" type="checkbox"/> Web Server            | <input checked="" type="checkbox"/> Remote Expansion**   |
| <input checked="" type="checkbox"/> Touch Screen   | <input checked="" type="checkbox"/> Send e-mail           | <input type="checkbox"/> Audio Player                    |
| <input checked="" type="checkbox"/> HMI Graph      | <input type="checkbox"/> VNC connect to Smart Phone or PC | <input checked="" type="checkbox"/> Auto-tune PID        |
| <input checked="" type="checkbox"/> Multi Language | <input checked="" type="checkbox"/> CANbus                | <input checked="" type="checkbox"/> Data Logging & Trend |
| <input checked="" type="checkbox"/> Keypad         | <input checked="" type="checkbox"/> MODBUS                | <input checked="" type="checkbox"/> Data Table           |
| <input checked="" type="checkbox"/> Alarm History  | <input checked="" type="checkbox"/> SMS                   | <input checked="" type="checkbox"/> Remote Access        |
| <input checked="" type="checkbox"/> SD Card        | <input type="checkbox"/> Snap-in I/O                      |  |
| <input checked="" type="checkbox"/> TCP/IP*        | <input checked="" type="checkbox"/> Expansion             |  |
| <input type="checkbox"/> USB                       |   |  |

\* Option Card

\*\* Option Card CANBUS