

คุณสมบัติ

HMI

- จอแสดงผลขนาด 2.4 นิ้ว
- จอแสดงผลชนิดขาว/ดำ + 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



Vision 130-J



Vision 130

ข้อมูลทางเทคนิค

More power & speed in this palm-size PLC with built-in Graphic LCD display, keypad, & onboard I/Os (expandable up to 256)

Article Number										
Classic Panel	V130-33-B1	V130-33-TR20	V130-33-R34	V130-33-TR34	V130-33-TR6	V130-33-RA22	V130-33-TRA22	V130-33-T2	V130-33-T38	V130-33-TA24
Flat Panel	V130-J-B1	V130-J-TR20	V130-J-R34	V130-J-TR34	V130-J-TR6	V130-J-RA22	V130-J-TRA22	V130-J-T2	V130-J-T38	V130-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 Outputs 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
Digital pnp/npn	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	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	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	2 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: 512K • Images: 256K • Fonts: 128K									
Scan Time	20μ sec per 1K of typical application									
Memory Operands	4096 coils, 2048 registers, 256 long integers (32-bit), 64 double words (32-bit unsigned), 24 floats, 192 timers (32-bit), 24 counters Additional non-retainable operands: 1024 X-bits, 512 X-integers, 256 X-long integers, 64 X-double words									

ข้อมูลทางเทคนิค (ต่อ)

Article Number											
New	Classic Panel	V130-33-B1	V130-33-TR20	V130-33-R34	V130-33-TR34	V130-33-TR6	V130-33-RA22	V130-33-TRA22	V130-33-T2	V130-33-T38	V130-33-TA24
	Flat Panel	V130-J-B1	V130-J-TR20	V130-J-R34	V130-J-TR34	V130-J-TR6	V130-J-RA22	V130-J-TRA22	V130-J-T2	V130-J-T38	V130-J-TA24
	Program										
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, clone PLCs									
Enhanced Features		Trends: graph any value and display on HMI • Built-in Alarm management system • String Library: instantly switch HMI language									
Operator Panel											
Type		Graphic STN LCD, white LED backlight									
Display		Resolution: 128 x 64 pixels • Size: 2.4"									
Keys		20, including 10 user labeled keys (slide kit sold separately)									
General											
Power Supply		24VDC, except for V130-33-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 | ☒ Web Server | ☒ Remote Expansion** |
| ☐ Touch Screen | ☒ Send e-mail | ☐ Audio Player |
| ☒ HMI Graph | ☐ VNC connect to Smart Phone or PC | ☒ Auto-tune PID |
| ☒ Multi Language | ☒ CANbus | ☒ Data Logging & Trend |
| ☒ Keypad | ☒ MODBUS | ☒ Data Table |
| ☐ Alarm History | ☒ SMS | ☒ Remote Access |
| ☒ SD Card | ☐ Snap-in I/O | * Option Card |
| ☒ TCP/IP* | ☒ Expansion | * Option Card CANBUS |
| ☐ USB | | |