

### คุณสมบัติ

#### HMI

- จอแสดงผลขนาด 5.7 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



Vision 570™



Vision 560™

### ข้อมูลทางเทคนิค

An advanced PLC with an integrated 5.7" color Touchscreen, plus Snap-in & Expansion I/Os (up to 1000)

Article Number	V570-57-T20B	V570-57-T20B-J	V560-T25B*
<b>I/O Options</b>			
Snap-in I/O Modules	Plug these modules directly into the back of the Vision unit to create a self-contained PLC with up to 62 I/Os. Inputs may include Digital, Analog, and Temperature measurement. Outputs may include Transistor, Relay, or Analog. (sold separately)		
I/O Expansion	Local or Remote I/Os may be added via expansion port or via CANbus		
<b>Program</b>			
Application Memory	Application Logic: 2MB • Images: 12MB • Fonts: 1MB		
Scan Time	9µsec 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	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		
<b>Operator Panel</b>			
Type	TFT LCD		
Display Backlight Illumination	White LED		
Colors	65,536 colors, 16 bit resolution • Brightness- Adjustable via touchscreen or software		
Display Resolution & Size	320 x 240 pixels (QVGA), 5.7"		
Touchscreen	Resistive, Analog		
<b>Keyboard</b>			
Number of keys	Virtual keyboard		24 programmable keys. Labeling options – function keys or customized
<b>General</b>			
Power Supply	12/24VDC		
Battery	7 years typical at 77°F, battery back-up for all memory sections and RTC		
Environment	NEMA4X/IP65 (when panel mounted)	NEMA4X/IP66/IP65 (when panel mounted)	NEMA4X/IP65 (when panel mounted)
Clock	Real-time clock functions (date and time)		

\* Not yet UL certified

### 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 checked="" type="checkbox"/> Snap-in I/O           |                                                          |
| <input checked="" type="checkbox"/> TCP/IP*        | <input checked="" type="checkbox"/> Expansion             |                                                          |
| <input type="checkbox"/> USB                       |                                                           |                                                          |

\* Option Card

\*\* เฉพาะรุ่น V560