

Vision570™ /560™ Color OPLC™

... Our Color PLCs
bring your system to life ...

Color Vision570™/560™ Series Featuring:

- ### HMI
- Up to 1024 user-designed screens
 - 500 images per application
 - HMI graphs—color-code Trends
 - Built-in alarm screens
 - Text String Library—easy localization
 - Virtual alpha-numeric keypad
 - Troubleshoot via the HMI panel—no PC needed

PLC

- I/O options include high-speed, temperature & weight measurement
- Auto-tune PID, up to 24 independent loops
- Recipe programs and datalogging via Data Tables
- SD card—log, backup, clone, & more
- Time-based control in 3 clicks

Communication

- Ethernet via TCP/IP
- Web server: Use built-in HTML pages, or design complex pages to view & edit PLC data via the Internet
- Send e-mail function
- SMS messaging
- GPRS/GSM/CDMA enabled
- Remote Access utilities
- MODBUS protocol support
- CANbus: CANopen, UNICAN, SAE J1939 & more
- DFT Slave
- Ports: supplied with 2 isolated RS232, RS485 & 1 CANbus; 1 port may be added for serial/Ethernet



V570™

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



Article Number	V570-57-720B	V570-57-140B	V560-725B*	V570-57-720B-J†
I/O Options	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).			
Snap-in I/O Modules	Local or Remote I/Os may be added via expansion port or via CANbus			
I/O Expansion	Local or Remote I/Os may be added via expansion port or via CANbus			
Program	Application Logic: 2MB • Images: 12MB • Fonts: 1MB Byte per % of typical application			
Application Memory	Scan Time			
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-retentive operands: 1024 X-bits, 512 X-integers, 256 X-long integers, 64 X-double words			
Data Tables	120K dynamic RAM data (recipe parameters, drawings, etc.), up to 25K Flash data			
SD Card	Store drawings, Alarm History, Data Tables, Trend data, export to Excel • Backup Loader, HW & OS, done PLC			
Enhanced Features	Trends: graph any value and display on HMI • Built-in Alarm management system • String Library: instantly switch HMI language			
Operator Panel				
Type	TFT LCD			
Display Backlight Illumination	white LED	Fluorescent Lamp	white LED	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" Resistive, Analog			
Touchscreen				
Keyboard	Virtual keyboard			
Number of keys	24 programmable keys, Labeling options - function keys or customized			
Power Supply	12/24VDC	24VDC	12/24VDC	12/24VDC
Battery	7 years typical at 77°F; battery back-up for all memory sections and RTC			
Environment	NEMA4/IP65 (when panel mounted) NEMA4/IP66/IP65 (when panel mounted)			
Clock	Real-time clock functions (date and time)			
	Noryel UL certified			



V560™