

# Vision™ Graphic/Touch OPLC™

... Powerful communication options make the Vision OPLCs™ the natural choice for distributed-control systems ...



## Vision™ Series Featuring:

- HMI**
  - Up to 255 user-designed screens
  - Hundreds of images per application
  - HMI graphs & Trends
  - Virtual alpha-numeric keypad (in V290 & V530)
  - Troubleshoot via the HMI panel — no PC needed
- PLC**
  - I/O options include high-speed, temperature & weight measurement
  - Auto-tune PID, up to 12 independent loops
  - Recipe programs and datalogging via Data Tables
  - Time-based control in 3 clicks

## Communication

- Ethernet via TCP/IP
- SMS messaging
- GPRS/GSM/CDMA enabled
- Remote Access utilities
- MODBUS protocol support
- CANbus: CANopen, UniCAN, CANbus Layer 2
- Ports: supplied with 1 RS232, 1 RS232/RS485 and 1 CANbus; 1 port may be added for serial/Ethernet



## Advanced PLCs with an integrated Operator Panel (graphic or touch), plus Snap-in & expansion I/Os (up to 316)



	Vision230™	Vision260™	Vision280™	Vision290™	Vision530™
<b>I/O Options</b>	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)				
<b>I/O Expansion</b>	Local or remote I/Os may be added via expansion port or via CANbus				
<b>Program</b>	Application Memory 1MB				
<b>Scan Time</b>	30µsec per 1K of typical application				
<b>Operands</b>	4096 coils, 2048 registers, 256 long integers (32 bit), 64 double words (32 bit unsigned), 24 memory floats, 192 timers, 24 counters				
<b>Data Tables</b>	120K dynamic RAM data (recipe parameters, datatables, etc.), up to 256K Flash data				
<b>Operator Panel</b>					
<b>Type</b>	STN LCD	Negative blue, STN LCD			Black & White STN LCD
<b>Display Resolution &amp; Size</b>	128 x 64 pixels 3.2"	240 x 64 pixels 5.4"	320 x 240 pixels (QVGA), 4.7" active area	320 x 240 pixels (QVGA), 5.7" active area	320 x 240 pixels (QVGA), 5.7" active area
<b>Touch Screen</b>	None	None	Resistive	Resistive, Analog	Resistive, Analog
<b>Keyboard</b>	Virtual keyboard				
<b>Number of Keys</b>	24 user labeled keys	33 user labeled keys	27 user labeled keys		
<b>General</b>	12VDC or 24VDC				
<b>Power Supply</b>	7 years typical at 70°F; back-up for all memory sections and real-time clock (RTC)				
<b>Battery Back-up</b>	REMARK/RES (for panel, when mounted)				
<b>Environment</b>					
<b>Article Number</b>	V230-13-820B	V260-16-820B	V280-18-820B	V290-19-820B	V530-53-820B

