The VisionView® operator interface is ideal for monitoring and controlling Cognex vision systems and image-based ID readers on the factory floor and allows operator controls specific to the application.

**VisionView Application Software**

The VisionView application software is available on four platforms which all feature:

- **Automatic detection.**
  Quickly detect any Cognex vision system on your network.

- **Mix and match Cognex In-Sight® and DataMan® systems.**
  View up to nine (twelve with VisionView PC or CE-SL) systems in a tiled view.

- **Graphical interface.**
  Display full color images, with graphic overlays and operator controls.

- **Fast image updates.**
  See the most recent inspection images so you can view your process in real time.

- **Access to CustomViews and EasyView.**
  The operator controls created in the spreadsheet or items selected from In-Sight EasyBuilder® software will appear on the VisionView screen.

- **Run-time ability to train fonts, without a PC.**
  No downtime during changeovers—ideal for OCR/OCV applications.

**Multiple Platforms**

1. **VisionView PC Software**
   Choose your own PC and run the VisionView interface directly on your existing machine... no additional hardware is required!

2. **VisionView 900 Panel**
   VisionView 900 is a powerful, low-cost operator interface panel that provides password-protected user control to adjust vision tool parameters and regions of interest without requiring a PC on your factory floor.
   - Nine-inch/229mm touch screen gives total control during run-time operation
   - Use the LAN port with an external switch to connect up to nine systems

3. **VisionView VGA**
   This provides the flexibility to connect smaller- or larger-size monitors for “control room” viewing of images, results, CustomViews and EasyViews. The VisionView VGA supports VGA displays of different resolutions, as well as touch screen displays.

4. **VisionView CE-SL for Third-party CE Panels**
   License a version of the VisionView software that can run on Rockwell PanelViewPlus, Siemens, Beijer or Advantech CE Panels. Use your existing CE panels to save valuable space. There is no longer a need to install new monitors.
### VisionView 900 Specifications

**Display**
- Size: 9in/229mm WVGA (10:6 aspect ratio)
- Type: TFT LCD
- Resolution (pixels): 1024 x 600 (614,400 pixels)
- Number of Colors: 262,144 (18 bits/pixel)
- Luminance: 300 nit
- Backlight Life: 20,000 hours

**Touchscreen**
- Analog resistive: 4 wire

**Memory**
- 512MB DDR2

**Storage**
- 2GB of non-volatile flash

**I/O**
- Network: 1 Ethernet port, 10/100 BaseT, TCP/IP Protocol, Full Duplex
- USB: 2 Host USB 2.0 (480 Mb/sec) ports

**Power Consumption**
- 24VDC ±10%, .5A

**Mounting**
- Standalone mounting panel with optional accessory mounting kit
- Optional stand accessory

**Environmental**
- Protection: IP65 or NEMA 4 when properly panel-mounted in an IP65 or NEMA4 rated enclosure or panel
- Shock: 30 G Shock per IEC 68-2-27
- Vibration: 2 G from 10-2000 Hz. Vibration per IEC 68-2-6
- Operating temperature: 0°C to 50°C (32°F to 122°F)
- Storage temperature: -10°C to 60°C (14°F to 140°F)

**Regulatory Compliance**
- CE, FCC, TÜV SÜD NRTL, RoHS

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### VisionView PC Software Specifications

**Hardware Requirements**
- Intel® Pentium® 4 processor running at 1 GHz (or equivalent)
- 512MB of available RAM
- 500MB of available hard-disk space
- Video card capable of displaying 800x600 resolution at 16-bit color depth. The DPI Display setting must be set to 96 DPI
- Network Interface Card (at least 100Mbps)

**Operating System Requirements**
- Microsoft® Windows Server® 2003, Service Pack 2 (32-bit)
- Microsoft Windows Server 2008 R2, Service Pack 1 (64-bit)
- Microsoft Windows XP Professional, Service Pack 3 (32-bit)
- Microsoft Windows Vista Business, Service Pack 2 (32-bit)
- Microsoft Windows 7 Professional, Service Pack 1 (32-bit and 64-bit)

**Software Requirements**
- The Microsoft .NET Framework 3.5 Service Pack 1 must be installed before installing the VisionView PC software. Microsoft .NET Framework 3.5 Service Pack 1 will attempt to install automatically if it is not detected on the PC

Free trial software with a forty-five minute time out is available at [www.cognex.com/visionview](http://www.cognex.com/visionview).
VisionView VGA Specifications

| Memory         | System: 128MB Mobile SDRAM  |
|               | Program: 128MB non-volatile flash memory |
|               | Video: 16MB Video SDRAM       |

| I/O            | USB: 1 Host USB 1.1 (12MB/sec) |
|               | Network: 1 Ethernet port, 10/100 BaseT, TCP/IP Protocol, Full Duplex |
|               | Touch Screen: 1 port, RS-232 serial protocol |
|               | Display: 1 VGA port            |

| Power Consumption | 24V/DC=10%, input current 1A (maximum) |
|                  | #3 Din Rail (35mm) or four M4 thread mounting holes |

| Environmental   | Protection: IP20 or NEMA 1 |
|                 | Shock: 30 G Shock per IEC 68-2-27 |
|                 | Vibration: 2 G from 10-2000 Hz. Vibration per IEC 68-2-6 |
|                 | Operating Temperature: 0°C to 45°C (32°F to 113°F) |
|                 | Storage Temperature: -30°C to 80°C (-22°F to 176°F) |

| Regulatory Compliance | CE, FCC, TÜV SÜD NRTL, RoHS |

| Vendor Display Drivers | Mitsubishi GOT 15x & 16x, Advantech FPM-51X1G, FPM-2150GB, Proface AGP 3000 Series, ELO 1X15L, 1729L, 1529L, 1928 and 3M Microtouch (1500SS and 1700SS) |

This is a partial list, please contact your Cognex sales representative for the most current listing.

VisionView CE-SL Specifications

The VisionView third-party CE panel software license supports the following panels:

- Rockwell PanelViewPlus Series 6-700, 1000, 1250 and 1500
- Siemens MP-277, MP-277 Mobile, and MP377

This is a partial list, please contact your Cognex sales representative for the most current listing.

Compatible Cognex Systems