

# PanelView Plus 6 Terminals - 700 to 1500

This platform use modular components with value-added options for flexible system configuration. These components are usable across the entire PanelView Plus 6 platform and install with minimal effort:

- Color display modules ranging from 6.5 to 15-inches in size with either key, touch screen, or combination key/touch-screen input
- Windows CE logic modules providing desktop access
- Optional communication modules for network communication



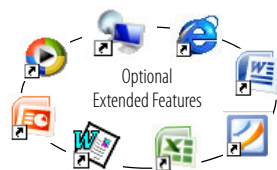
Configured terminals with a display module and logic module can be ordered as a single catalog number or as separate components for field installation.

A high-bright display for outdoor use, plus conformal-coated and marine-certified components, extend this platforms ability to operate in environments with even more stringent and varying requirements.

The core component of this platform is the high-performance logic module that runs a closed or open Windows CE desktop environment with optional, extended features and file viewers. System integrators and OEMs can configure and deploy systems that allow or restrict desktop access.

## Logic Module Features

| Features                      | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| High memory capacity          | 512 MB nonvolatile memory and 512 MB RAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Power input                   | AC or DC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Network interface             | For optional DH+, DH-485, or ControlNet communication module                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Communication ports           | Ethernet, RS-232 serial                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| USB ports                     | 2 USB host ports for connecting a USB mouse, keyboard, printer, and USB drives that are hot swappable<br>1 USB device port for connecting a host personal computer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Secure Digital (SD) card slot | Hot-swappable card slot supports 1784-SDx SD cards for transferring files, upgrading firmware, or logging data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Operating system              | <p>All terminals run the Windows CE 6.0 operating system (OS) providing OS functionality needed for most users needs:</p> <ul style="list-style-type: none"> <li>• FTP server</li> <li>• VNC client/server</li> <li>• PDF reader</li> <li>• Active X controls</li> <li>• Third-party device support</li> </ul> <p>Additional functionality is available by ordering terminals with optional, extended features:</p> <ul style="list-style-type: none"> <li>• Internet Explorer web browser</li> <li>• Remote desktop connection</li> <li>• Media player</li> <li>• Microsoft file viewers for PowerPoint, Excel, and Word</li> <li>• WordPad text editor</li> </ul> |
| FactoryTalk View software     | <ul style="list-style-type: none"> <li>• FactoryTalk View Machine Edition Station (runtime) software, version 6.0 or later, is preloaded and activated on each terminal</li> <li>• Single license support for FactoryTalk ViewPoint software, version 1.2 or later, gives remote users access to a terminal's displays via standard web browser</li> <li>• HMI applications are developed with FactoryTalk View Studio for Machine Edition software, which is purchased separately</li> </ul>                                                                                                                                                                       |



## Product Selections

| Bulletin      | Input Type                                                       | Display Size                                                                             | Display Type     | Communication                        | Power                          | Operating System                                                              | Special Option              |
|---------------|------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------|--------------------------------------|--------------------------------|-------------------------------------------------------------------------------|-----------------------------|
| <b>2711P-</b> | <b>K</b> = Keypad<br><b>T</b> = Touch<br><b>B</b> = Keypad/Touch | <b>7</b> = 6.5 in.<br><b>10</b> = 10.4 in.<br><b>12</b> = 12.1 in.<br><b>15</b> = 15 in. | <b>C</b> = Color | <b>4</b> = Ethernet, RS-232, (2) USB | <b>A</b> = AC<br><b>D</b> = DC | <b>8</b> = Windows CE 6.0<br><b>9</b> = Windows CE 6.0 with extended features | <b>K</b> = Conformal-coated |

### PanelView Plus 6 Terminals without Extended Features

| Cat. No.      |                |               | Display |       | Communication |          | Input Power | Memory RAM/Nonvolatile <sup>(1)</sup> |
|---------------|----------------|---------------|---------|-------|---------------|----------|-------------|---------------------------------------|
| Keypad        | Touch          | Keypad/Touch  | Size    | Type  | RS-232        | Ethernet |             |                                       |
| 700 Model     |                |               |         |       |               |          |             |                                       |
| 2711P-K7C4D8  | 2711P-T7C4D8   | 2711P-B7C4D8  | 6.5-in. | Color | •             | •        | DC          | 512 MB/512 MB                         |
| —             | 2711P-T7C4D8K  | —             |         |       | •             | •        | DC          | 512 MB/512 MB                         |
| 2711P-K7C4A8  | 2711P-T7C4A8   | 2711P-B7C4A8  |         |       | •             | •        | AC          | 512 MB/512 MB                         |
| 1000 Model    |                |               |         |       |               |          |             |                                       |
| 2711P-K10C4D8 | 2711P-T10C4D8  | 2711P-B10C4D8 | 10.4-in | Color | •             | •        | DC          | 512 MB/512 MB                         |
| 2711P-K10C4A8 | 2711P-T10C4A8  | 2711P-B10C4A8 |         |       | •             | •        | AC          | 512 MB/512 MB                         |
| 1250 Model    |                |               |         |       |               |          |             |                                       |
| 2711P-K12C4D8 | 2711P-T12C4D8  | 2711P-B12C4D8 | 12.1-in | Color | •             | •        | DC          | 512 MB/512 MB                         |
| —             | 2711P-T12C4D8K | —             |         |       | •             | •        | DC          | 512 MB/512 MB                         |
| 2711P-K12C4A8 | 2711P-T12C4A8  | 2711P-B12C4A8 |         |       | •             | •        | AC          | 512 MB/512 MB                         |
| 1500 Model    |                |               |         |       |               |          |             |                                       |
| 2711P-K15C4D8 | 2711P-T15C4D8  | 2711P-B15C4D8 | 15-in.  | Color | •             | •        | DC          | 512 MB/512 MB                         |
| 2711P-K15C4A8 | 2711P-T15C4A8  | 2711P-B15C4A8 |         |       | •             | •        | AC          | 512 MB/512 MB                         |

(1) All terminals support FactoryTalk View Machine Edition Station software, version 6.0 or later, and the Windows CE 6.0 operating system without extended features and Microsoft file viewers.

### PanelView Plus 6 Terminals with Extended Features

| Cat. No.      |               |               | Display |       | Communication |          | Input Power | Memory RAM/Nonvolatile <sup>(1)</sup> |
|---------------|---------------|---------------|---------|-------|---------------|----------|-------------|---------------------------------------|
| Keypad        | Touch         | Keypad/Touch  | Size    | Type  | RS-232        | Ethernet |             |                                       |
| 700 Model     |               |               |         |       |               |          |             |                                       |
| 2711P-K7C4D9  | 2711P-T7C4D9  | 2711P-B7C4D9  | 6.5-in. | Color | •             | •        | DC          | 512 MB/512 MB                         |
| 2711P-K7C4A9  | 2711P-T7C4A9  | 2711P-B7C4A9  |         |       | •             | •        | AC          | 512 MB/512 MB                         |
| 1000 Model    |               |               |         |       |               |          |             |                                       |
| 2711P-K10C4D9 | 2711P-T10C4D9 | 2711P-B10C4D9 | 10.4-in | Color | •             | •        | DC          | 512 MB/512 MB                         |
| 2711P-K10C4A9 | 2711P-T10C4A9 | 2711P-B10C4A9 |         |       | •             | •        | AC          | 512 MB/512 MB                         |
| 1250 Model    |               |               |         |       |               |          |             |                                       |
| 2711P-K12C4D9 | 2711P-T12C4D9 | 2711P-B12C4D9 | 12.1-in | Color | •             | •        | DC          | 512 MB/512 MB                         |
| 2711P-K12C4A9 | 2711P-T12C4A9 | 2711P-B12C4A9 |         |       | •             | •        | AC          | 512 MB/512 MB                         |
| 1500 Model    |               |               |         |       |               |          |             |                                       |
| 2711P-K15C4D9 | 2711P-T15C4D9 | 2711P-B15C4D9 | 15-in.  | Color | •             | •        | DC          | 512 MB/512 MB                         |
| 2711P-K15C4A9 | 2711P-T15C4A9 | 2711P-B15C4A9 |         |       | •             | •        | AC          | 512 MB/512 MB                         |

(1) All terminals support FactoryTalk View Machine Edition Station software, version 6.0 or later, and the Windows CE 6.0 operating system with extended features and Microsoft file viewers.

## Accessories

The tables list accessories for the PanelView Plus 6 - 700 to 1500 terminals. Display modules, logic modules, and communication modules can be ordered as separate components for field installation.

### Display Modules

| Cat. No.                    | Input Type   | Display        | Marine Certified | Conformal Coated | Built-in Antiglare Overlay |
|-----------------------------|--------------|----------------|------------------|------------------|----------------------------|
| 700 Model                   |              |                |                  |                  |                            |
| 2711P-RDK7C                 | Keypad       | 7-in. color    |                  |                  |                            |
| 2711P-RDK7CK                | Keypad       |                |                  | •                |                            |
| 2711P-RDT7C                 | Touch        |                |                  |                  |                            |
| 2711P-RDT7CK                | Touch        |                |                  | •                |                            |
| 2711P-RDT7CM                | Touch        |                | •                |                  |                            |
| 2711P-RDB7C                 | Keypad/Touch |                |                  |                  |                            |
| 2711P-RDB7CK                | Keypad/Touch |                |                  | •                |                            |
| 2711P-RDB7CM                | Keypad/Touch |                | •                |                  |                            |
| 1000 Model                  |              |                |                  |                  |                            |
| 2711P-RDK10C                | Keypad       | 10.4-in. color |                  |                  |                            |
| 2711P-RDT10C                | Touch        |                |                  |                  |                            |
| 2711P-RDT10CM               | Touch        |                | •                |                  |                            |
| 2711P-RDB10C                | Keypad/Touch |                |                  |                  |                            |
| 2711P-RDB10CM               | Keypad/Touch |                | •                |                  |                            |
| 1250 Model                  |              |                |                  |                  |                            |
| 2711P-RDK12C                | Keypad       | 12.1-in. color |                  |                  |                            |
| 2711P-RDK12CK               | Keypad       |                |                  | •                |                            |
| 2711P-RDT12C                | Touch        |                |                  |                  |                            |
| 2711P-RDT12CK               | Touch        |                |                  | •                |                            |
| 2711P-RDT12AG               | Touch        |                |                  |                  | •                          |
| 2711P-RDT12H <sup>(1)</sup> | Touch        |                |                  |                  |                            |
| 2711P-RDB12C                | Keypad/Touch |                |                  |                  |                            |
| 2711P-RDB12CK               | Keypad/Touch |                |                  | •                |                            |
| 1500 Model                  |              |                |                  |                  |                            |
| 2711P-RDK15C                | Keypad       | 15-in. color   |                  |                  |                            |
| 2711P-RDT15C                | Touch        |                |                  |                  |                            |
| 2711P-RDT15AG               | Touch        |                |                  |                  | •                          |
| 2711P-RDB15C                | Keypad/Touch |                |                  |                  |                            |

(1) This catalog number is a high-bright display module, indicated by the H at end of cat. no., that is designed for outdoor applications. The high-bright display module can be used only with DC-powered logic modules.

## Logic Modules

| Cat. No.                                | Power Input | Memory RAM/Nonvolatile | Communication                                                                                                              | Marine Certified | Conformal Coated | Included Software                                                                                                                                                                                                                                                    |
|-----------------------------------------|-------------|------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Logic Modules without Extended Features |             |                        |                                                                                                                            |                  |                  |                                                                                                                                                                                                                                                                      |
| 2711P-RP8A                              | AC          | 512 MB/512 MB          | <ul style="list-style-type: none"><li>Ethernet</li><li>RS-232</li><li>Network interface for communication module</li></ul> | •                |                  | <ul style="list-style-type: none"><li>Windows CE 6.0 operating system without extended features/file viewers</li><li>FactoryTalk View Machine Edition Station (runtime), version 6.0 or later</li><li>FactoryTalk ViewPoint software, version 1.2 or later</li></ul> |
| 2711P-RP8D                              | DC          | 512 MB/512 MB          |                                                                                                                            | •                |                  |                                                                                                                                                                                                                                                                      |
| 2711P-RP8DK                             | DC          | 512 MB/512 MB          |                                                                                                                            | •                | •                |                                                                                                                                                                                                                                                                      |
| Logic Modules with Extended Features    |             |                        |                                                                                                                            |                  |                  |                                                                                                                                                                                                                                                                      |
| 2711P-RP9A                              | AC          | 512 MB/512 MB          | <ul style="list-style-type: none"><li>Ethernet</li><li>RS-232</li><li>Network interface communication module</li></ul>     | •                |                  | <ul style="list-style-type: none"><li>Windows CE 6.0 operating system with extended features/file viewers</li><li>FactoryTalk View Machine Edition Station (runtime), version 6.0 or later</li><li>FactoryTalk ViewPoint software, version 1.2 or later</li></ul>    |
| 2711P-RP9D                              | DC          | 512 MB/512 MB          |                                                                                                                            | •                |                  |                                                                                                                                                                                                                                                                      |
| 2711P-RP9DK                             | DC          | 512 MB/512 MB          |                                                                                                                            | •                | •                |                                                                                                                                                                                                                                                                      |

## Communication Modules

| Cat. No.                  | Communication |     |        |                           | Conformal Coated | Marine Certified |
|---------------------------|---------------|-----|--------|---------------------------|------------------|------------------|
|                           | Ethernet      | DH+ | DH-485 | ControlNet <sup>(2)</sup> |                  |                  |
| 2711P-RN6                 |               | •   | •      |                           |                  |                  |
| 2711P-RN6K                |               | •   | •      |                           | •                |                  |
| 2711P-RN15S               |               |     |        | •                         |                  | •                |
| 2711P-RN15SK              |               |     |        | •                         | •                |                  |
| 2711P-RN20 <sup>(1)</sup> | •             |     |        |                           |                  |                  |

(1) All terminals have an Ethernet port. The cat. no. 2711P-RN20 module provides an additional Ethernet port.

(2) Scheduled and unscheduled communication.

## Cables

| Cat. No.       | Description                                                                                          | Length       |
|----------------|------------------------------------------------------------------------------------------------------|--------------|
| 2711C-CBL-UU02 | Programming cable that connects the USB device port of the terminal to a USB host port of a computer | 2 m (6.5 ft) |

## Function Key Legend Kits

| Cat. No.    | PanelView Plus 6 Terminal Model <sup>(1)</sup> | Description                       |
|-------------|------------------------------------------------|-----------------------------------|
| 2711P-RFK7  | 700 keypad                                     | Blank legend inserts and software |
| 2711P-RFK10 | 1000 keypad                                    |                                   |
| 2711P-RFK12 | 1250 keypad                                    |                                   |
| 2711P-RFK15 | 1500 keypad                                    |                                   |

(1) Applies to keypad and keypad/touch-screen terminals.

## Secure Digital (SD) Cards

| Cat. No. | Description                   |
|----------|-------------------------------|
| 1784-SD1 | 1 GB Secure Digital (SD) card |
| 1784-SD2 | 2 GB Secure Digital (SD) card |

## Antiglare Overlays

| Cat. No. <sup>(1)</sup> | PanelView Plus 6 Terminal Model | Operator Input |       |           |
|-------------------------|---------------------------------|----------------|-------|-----------|
|                         |                                 | Keypad         | Touch | Key/Touch |
| 2711P-RGK7              | 700                             | •              |       | •         |
| 2711P-RGT7              |                                 |                | •     |           |
| 2711P-RGK10             | 1000                            | •              |       | •         |
| 2711P-RGT10             |                                 |                | •     |           |
| 2711P-RGK12             | 1250                            | •              |       | •         |
| 2711P-RGT12             |                                 |                | •     |           |
| 2711P-RGK15             | 1500                            | •              |       | •         |
| 2711P-RGT15             |                                 |                | •     |           |

(1) Three overlays are shipped with each catalog number.

## Solar Visor

| Cat. No.    | Description                                                            |
|-------------|------------------------------------------------------------------------|
| 2711P-RVT12 | Solar visor for 1250 high-bright display module, cat. no. 2711P-RDT12H |

## Mounting Hardware

| Cat. No.   | Description    | Quantity |
|------------|----------------|----------|
| 2711P-RTMC | Mounting clips | 8        |

## Battery Replacement

| Cat. No.     | Description                                             | Quantity |
|--------------|---------------------------------------------------------|----------|
| 2711P-RY2032 | Replacement battery CR2032 coin-cell equivalent battery | 1        |

## Power Supply and Power Terminal Blocks

| Cat. No.      | Description                                               | Quantity |
|---------------|-----------------------------------------------------------|----------|
| 2711P-RSACDIN | DIN-rail power supply, AC-to-DC, 85...265V AC, 47...63 Hz | 1        |
| 2711P-RTBAC3  | AC power terminal block                                   | 10       |
| 2711P-RTBDC2  | 2-pin DC power terminal block                             | 10       |

**Backlight Replacements**

| Cat. No.     | PanelView Plus 6 Display Module Size | Series  | Number of Backlights |
|--------------|--------------------------------------|---------|----------------------|
| 2711P-RL7C   | 700                                  | A and B | 1                    |
| 2711P-RL7C2  |                                      | C and D | 1                    |
| 2711P-RL10C  | 1000                                 | A       | 1                    |
| 2711P-RL10C2 |                                      | B and C | 1                    |
| 2711P-RL12C  | 1250                                 | A and B | 2                    |
| 2711P-RL12C2 |                                      | C       | 1                    |
| 2711P-RL15C  | 1500                                 | B       | 2                    |

**Bezel Replacements**

| Cat. No.                    | PanelView Plus 6 Terminal Model | Operator Input |       |           |
|-----------------------------|---------------------------------|----------------|-------|-----------|
|                             |                                 | Keypad         | Touch | Key/Touch |
| 2711P-RBK7                  | 700                             | .              |       |           |
| 2711P-RBT7                  |                                 |                | .     |           |
| 2711P-RBB7                  |                                 |                |       | .         |
| 2711P-RBK10                 | 1000                            | .              |       |           |
| 2711P-RBT10                 |                                 |                | .     |           |
| 2711P-RBB10                 |                                 |                |       | .         |
| 2711P-RBK12                 | 1250                            | .              |       |           |
| 2711P-RBT12                 |                                 |                | .     |           |
| 2711P-RBT12H <sup>(1)</sup> |                                 |                | .     |           |
| 2711P-RBB12                 |                                 |                |       | .         |
| 2711P-RBK15                 | 1500                            | .              |       |           |
| 2711P-RBT15                 |                                 |                | .     |           |
| 2711P-RBB15                 |                                 |                |       | .         |

(1) Applies to the cat. no. 2711P-RDT12H 1250 high-bright display module.

# PanelView Plus 6 Compact Terminals

The next generation PanelView Plus 6 Compact 400, 600, and 1000 terminals offer just the right hardware and software functionality to meet the needs of midsize applications. Any application created for a compact terminal is also compatible with other PanelView Plus 6 terminals. Key features include the following:

- Preferred HMI integration with CompactLogix controllers
- RS-232 serial port, Ethernet port, USB port, DC power, and SD card slot
- Serial and Ethernet communication
- Connection to single controller by using either RSLinx<sup>®</sup> Enterprise software, version 5.51 or later, or KEPServer software
- 25 displays and 200 alarm messages supported in the FactoryTalk View Compact Machine Edition application
- Fixed hardware configurations without the addition or replacement of modular components
- Viewpoint



## Product Selections

This table lists the fixed hardware configurations available for the PanelView Plus 6 Compact terminals.

**PanelView Plus 6 Compact Terminals**

| Cat. No.          | Input Type   | Display  |                | Communication |          | Input Power | Memory (MB) |             |
|-------------------|--------------|----------|----------------|---------------|----------|-------------|-------------|-------------|
|                   |              | Size     | Type           | RS-232        | Ethernet |             | RAM         | Nonvolatile |
| 2711PC-K4M20D8    | Keypad       | 3.5-in.  | Grayscale      | •             | •        | DC          | 256         | 512         |
| 2711PC-B4C20D8    | Keypad/Touch | 3.5-in.  | Color          | •             | •        | DC          | 256         | 512         |
| 2711PC-B4C20D8-LR | Keypad/Touch | 3.5-in.  | Low Reflective | •             | •        | DC          | 256         | 512         |
| 2711PC-T6M20D8    | Touch        | 5.7-in.  | Grayscale      | •             | •        | DC          | 256         | 512         |
| 2711PC-T6C20D8    | Touch        | 5.7-in.  | Color          | •             | •        | DC          | 256         | 512         |
| 2711PC-T10C4D8    | Touch        | 10.4-in. | Color          | •             | •        | DC          | 512         | 512         |

## Accessories

The tables list accessories for the PanelView Plus 6 Compact terminals.

### Secure Digital (SD) Cards

| Cat. No. | Description  |
|----------|--------------|
| 1784-SD1 | 1 GB SD card |
| 1784-SD2 | 2 GB SD card |

### Antiglare Overlays

| Cat. No. <sup>(1)</sup> | Terminal Model         | Input Type |       |           |
|-------------------------|------------------------|------------|-------|-----------|
|                         |                        | Keypad     | Touch | Key/Touch |
| 2711P-RGB4              | 400 grayscale or color | •          |       | •         |
| 2711P-RGT6              | 600 grayscale or color |            | •     |           |
| 2711P-RGT10             | 1000 color             |            | •     |           |

(1) Three overlays are shipped with each catalog number.

### Mounting Hardware

| Cat. No.   | Description                     | Quantity |
|------------|---------------------------------|----------|
| 2711P-RTFC | Mounting levers (600 only)      | 8        |
| 2711P-RTMC | Mounting levers for (1000 only) | 8        |

### Power Supply and Power Terminal Blocks

| Cat. No.      | Description                                                                   | Quantity |
|---------------|-------------------------------------------------------------------------------|----------|
| 2711P-RSACDIN | DIN-rail power supply, AC-to-DC, 85 . . . 265V AC, 47 . . . 63 Hz             | 1        |
| 2711P-GRSA    | AC power module converts a DC-powered terminal to AC power (400 and 600 only) | 1        |
| 2711P-TBDC    | DC power terminal block (400 and 600 only)                                    | 10       |
| 2711P-RTBDC2  | 2-pin DC power terminal block (1000 only)                                     | 10       |

### Cables

| Cat. No.       | Description                                                                                                             | Length       |
|----------------|-------------------------------------------------------------------------------------------------------------------------|--------------|
| 6189V-USBCBL2  | Programming cable that connects the USB device port of the terminal to a USB host port of a computer (400 and 600 only) | 1.8 m (6 ft) |
| 2711C-CBL-UU02 | Programming cable that connects the USB device port of the terminal to a USB host port of a computer (1000 only)        | 2 m (6.5 ft) |

### Replacement Battery

| Cat. No.     | Description                                             | Quantity |
|--------------|---------------------------------------------------------|----------|
| 2711P-RY2032 | Replacement battery CR2032 coin-cell equivalent battery | 1        |