

Technical Specifications, PanelView 5510 Terminals – 12.1-in., 15-in., and 19-in. models

| Attribute | 12.1-in. Touch | 15-in. Touch | 15-in. Touch with Keypad | 19-in. Touch |
|--------------------------------------|---|---|--|---|
| | 2715P-T12WD 2715P-T12WD-B ⁽¹⁾ | 2715P-T15CD 2715P-T15CD-B ⁽¹⁾ | 2715P-B15CD 2715P-B15CD-B ⁽¹⁾ | 2715P-T19CD 2715P-T19CD-B ⁽¹⁾ |
| Operator input | Touch plus menu navigation button | | Touch with keypad plus menu navigation button | Touch plus menu navigation button |
| Display type | Color TFT LCD (thin-film-transistor, liquid-crystal display) | | | |
| Display size, diagonal | 12.1-in. widescreen | 15-in. | | 19-in. |
| View area, W x H | 261 x 163 mm (10.3 x 6.4 in.) | 304 x 228 mm (12 x 9 in.) | | 376 x 301 mm (14.8 x 11.9 in.) |
| Display resolution/aspect ratio | 800 x 600 SVGA, 4:3 | 1024 x 768 XGA, 4:3 | | 1280 x 800 WXGA, 16:10 |
| Color depth | 24-bit color graphics (16.7 million colors) | | | |
| Brightness, typical | 300 cd/m ² (Nits) | | | |
| Backlight | <ul style="list-style-type: none">Light-emitting diode, non-replaceableLife: 50,000 h min at 40 °C (104 °F) to half-brightness | | | |
| Backlight power consumption, typical | 5 W | 8.5 W | | 18 W |
| Touch screen | <ul style="list-style-type: none">Analog resistiveActuation rating: 1 million pressesOperating force: <100 grams | | | |
| Keypad | — | | <ul style="list-style-type: none">20 function keys: L1...L10, R1...R10Numeric keypad and navigation keysActuating rating: 1 million pressesOperating force: 300 grams | — |
| Battery (real-time clock backup) | <ul style="list-style-type: none">Accuracy: +/-2 minutes per monthBattery life: 4 years min at 25 °C (77 °F)Replacement: CR2032 lithium coin cell | | | |
| Memory | | | | |
| RAM | 1 GB | | | |
| User available | 1 GB nonvolatile storage for projects | | | |
| Secure Digital (SD) card slot | One SD card slot for external storage; supports cat. no. 1784-SDx cards. See Secure Digital (SD) Cards on page 8. | | | |
| USB ports | | | | |
| Host | Two USB 2.0 high-speed (type A) host ports to support removable USB drives for external storage. | | | |
| Device | One USB 2.0 high-speed (type B) device port to connect to a host computer that is software-feature dependent. | | | |
| Ethernet port | Two 10/100Base-T, Auto MDI/MDI-X Ethernet ports that support (Device Level Ring) DLR, linear, or star network topologies. | | | |
| Status indicators | STS (status, green), ERR (error, red) | | | |
| Software | Studio 5000 environment provides single portal to View Designer and Logix Designer applications. | | | |
| Electrical | | | | |
| USB host ports (type A) | 0.5 A at 5V DC | | | |
| Input voltage | 24V DC nom (18...30V DC) | | | |
| Power consumption, max | 26 W | 33 W | | 43 W |
| Power consumption, typical | 16 W | 27 W | | 30 W |
| Power dissipation | 62 BTU/hr. | | 113 BTU/hr. | |
| Inrush current | 7 A | | | |
| Power supply | Supports SELV and PELV 24V DC supplies ⁽²⁾ | | | |
| Mechanical | | | | |
| Weight, approx | 3.61 kg (7.96 lb) | 4.77 kg (10.5 lb) | 5.5 kg (12.13 lb) | 7.5 kg (16.5 lb) |
| Terminal dimensions, approx | See PanelView 5510 Terminal and Cutout Dimensions on page 6. | | | |
| Cutout dimensions, approx | See PanelView 5510 Terminal and Cutout Dimensions on page 6. | | | |

(1) Add -B to the end of a catalog number to order a terminal without the Allen-Bradley logo and product identification, for example, 2715-T7CD-B.

(2) DC-powered terminals support safety extra low voltage (SELV) and protective extra-low voltage (PELV) 24V DC power supplies such as cat. nos. 1606-XLP95E, 1606-XLP100E, 2711P-RSACDIN.