

Power Xpert Gateway 900 Advanced Color Touchscreen Display Quick Start Guide

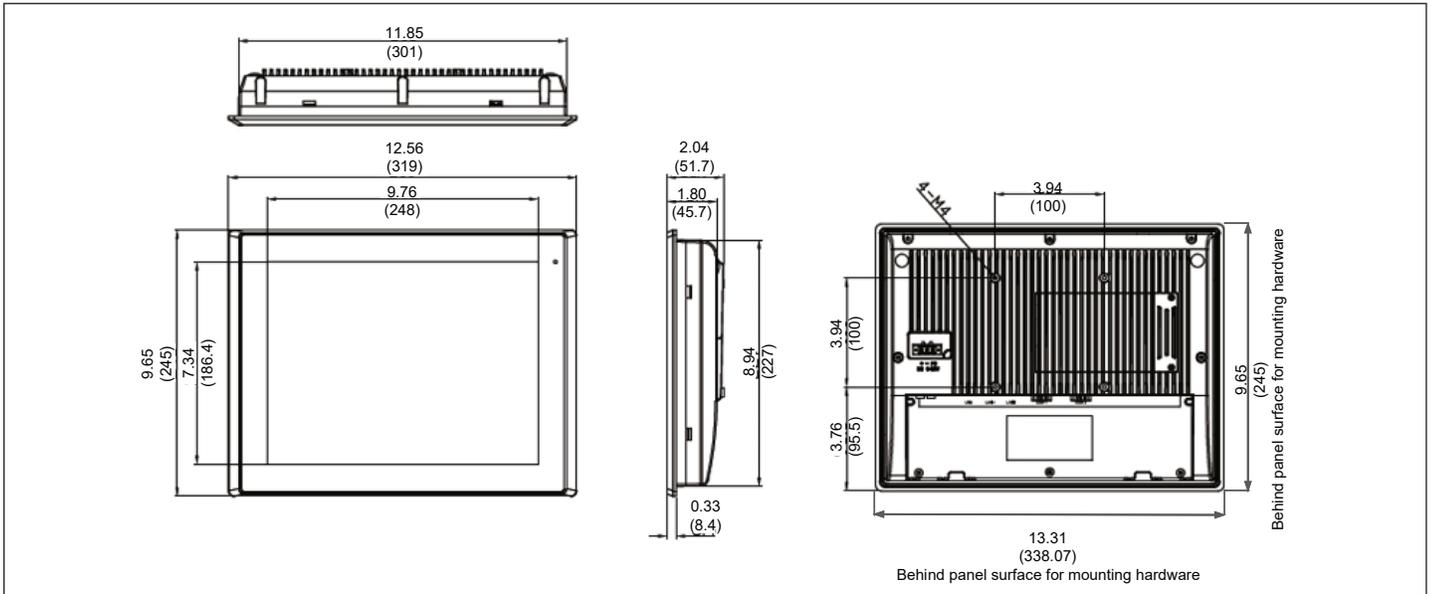


Figure 1. Dimensions of the PXG 900 Advanced Display - 12" Color Touchscreen (PXG900-DISP-12).

For detailed information concerning the operation and features available in the PXG 900 Advanced Display - 12" Color Touchscreen (PXG900DISP-12), please refer to the Eaton Power Xpert Gateway 900 User's Guide (MN152006EN) available on the Eaton website (www.eaton.com/pxg) for information on Web Server Screens.

Installation

1. Disconnect and lockout all power to the enclosure.
2. Inspect the enclosure door to determine the best mounting location for the PXG 900 Advanced Display.

Note: A minimum clearance of 1 in. (25.4 mm) must be maintained between the back of the display and any other component within the enclosure.

3. Use the mounting template to mark the cutout area on the enclosure door. Cut out the marked area.



Figure 2. PXG 900 Advanced Display.

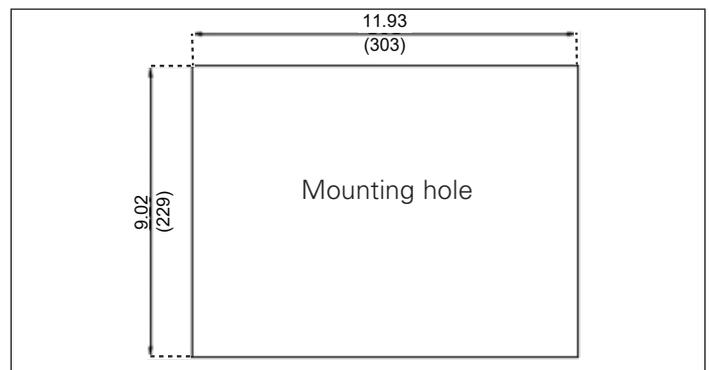


Figure 3. Cut out dimensions.

4. Insert the PXG 900 Advanced Display through the cutout. After the display is inserted into the front side of the cutout, secure the display by attaching the eight supplied fasteners to the rear perimeter of the display.



Figure 4. PXG 900 Advanced Display fasteners.

5. Check for proper alignment of the PXG 900 Advanced Display then torque fasteners to 7 lb-in. (0.8 N·m).



Figure 5. PXG 900 Advanced Display fasteners - installed.

Power Xpert Gateway 900 Advanced Color Touchscreen Display Quick Start Guide

Setting up the PXG 900 for display

In order for the display to function properly, the Power Xpert Gateway 900 (PXG 900) must not timeout after inactivity. This setting can be changed by following the instructions below.

1. Begin by installing the Power Xpert USB configuration driver on your PC. The driver and instructions can be found at www.eaton.com/pxg
2. Connect the PXG 900 to a PC with the accompanying USB cord.
3. With a browser, visit the IP address 192.168.200.101.
4. Select Settings > Security > General > Edit.
5. Set the Session Timeout to 0.
6. Click the Save button.

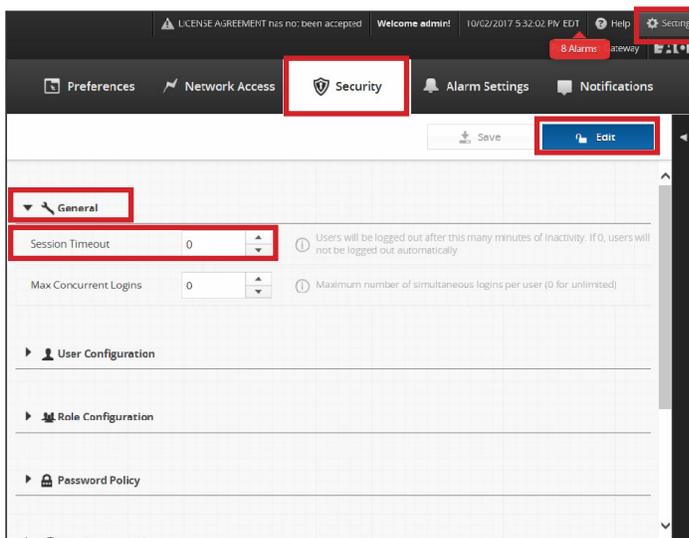


Figure 6. Editing session timeout.

The display requires an account with the user name and a password of the user. This account exists by default. This can be confirmed with the instructions below.

1. With a PC connected to the PXG 900 via USB, navigate to 192.168.200.101.
2. Select Settings > Security > User Configuration. All existing user access credentials are shown.

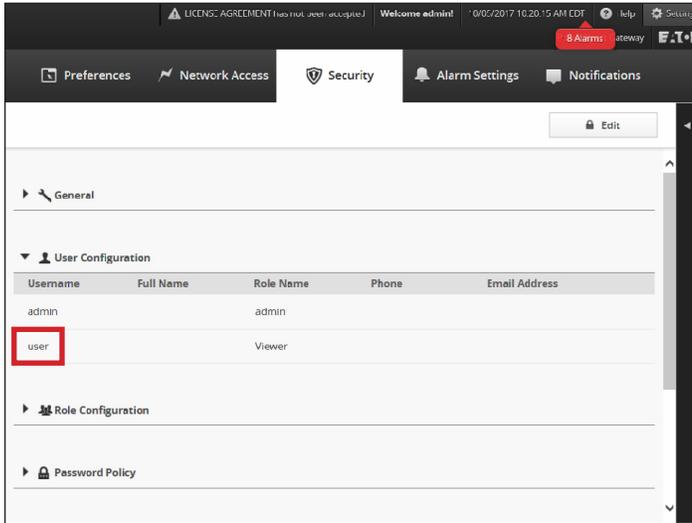


Figure 7. User accounts.

3. If a "user" account does not exist, or if the password needs to be changed, this can be corrected by clicking on the Edit button in the upper right hand corner of the screen.
4. If the "user" account does not exist, add it with the Add User button.
5. If the password needs to be corrected, select the return the password to the default of user by selecting the arrow to pull out the side-pane and change the password.

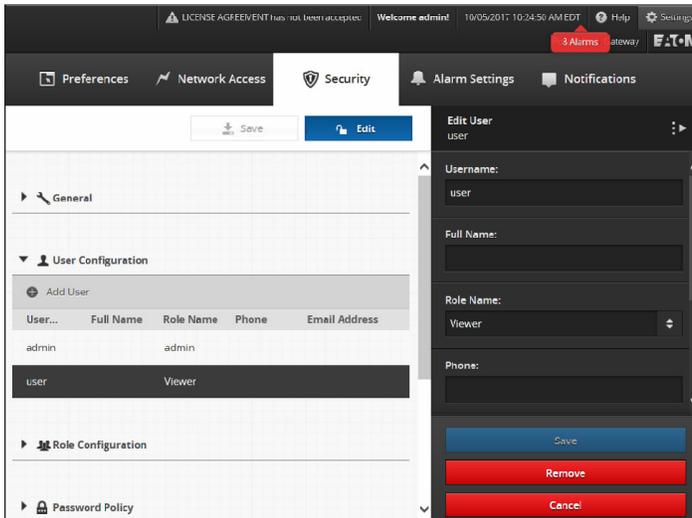


Figure 8. Updating password.

Connections

To use the PXG 900 Advanced Display, provide power through the included connector. This display accepts an input from 9-36 Vdc with a maximum power consumption of 60 W.

Note: A power supply must be purchased as it is not supplied with the display. Eaton recommends the following power supplies: PSG60E (85-264 Vac input); PSG60F (320-575 Vac input).

The display's plug-in terminals provide connections for +V, -V, and floating ground.

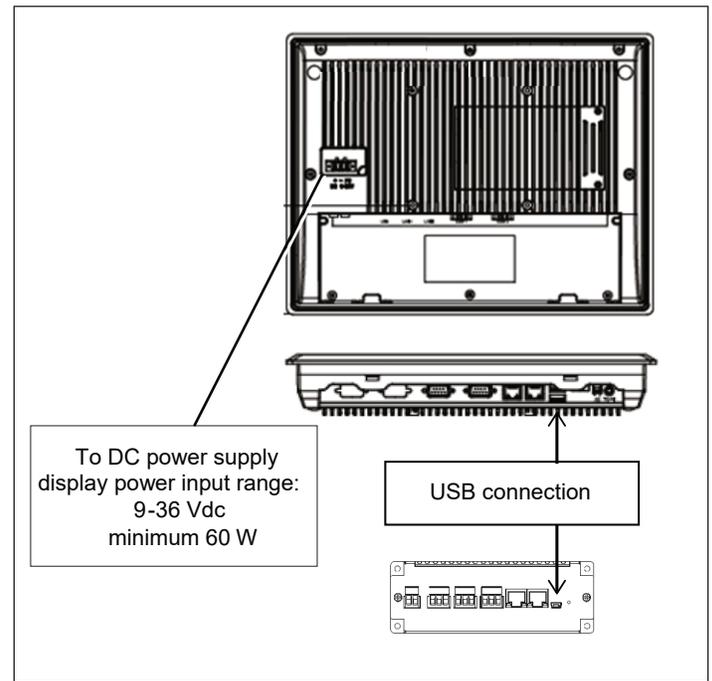


Figure 9. Power and COM port connections for the PXG 900 Advanced Color Touchscreen Display.



Figure 10. Power port connection.

The PXG 900 Advanced Color Touchscreen Display requires a USB cable (included with the PXG 900). This connects directly to the USB Local Configuration port on the PXG 900 and can be plugged into either USB port on the display.

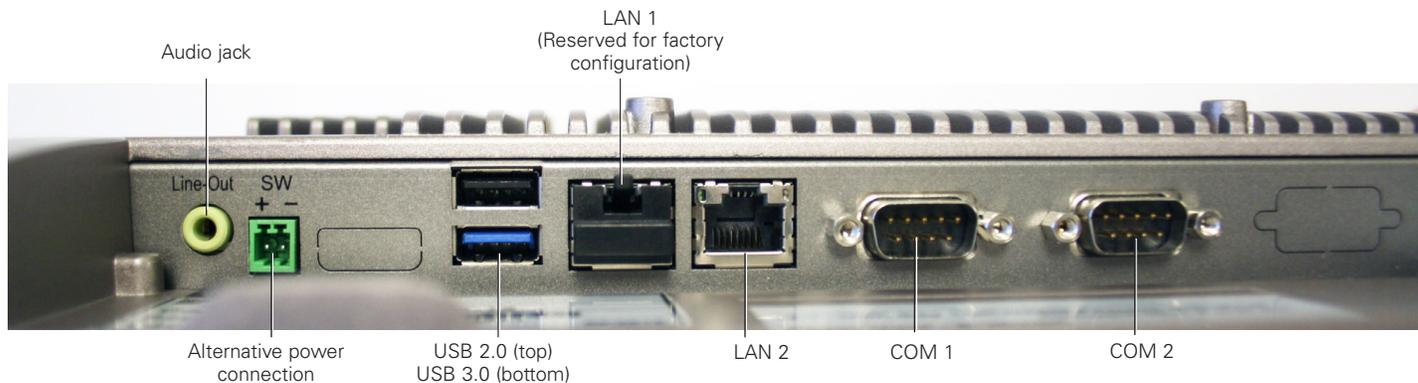


Figure 11. COM port connections.

Display hot-spots

There are a handful of hot-spots that aid with navigation. An on-screen keyboard can be called by tapping in the upper left corner. The keyboard will be hidden when it is closed.

If connection to the PXG 900 is lost, open the keyboard and use Ctrl+R to refresh the page.

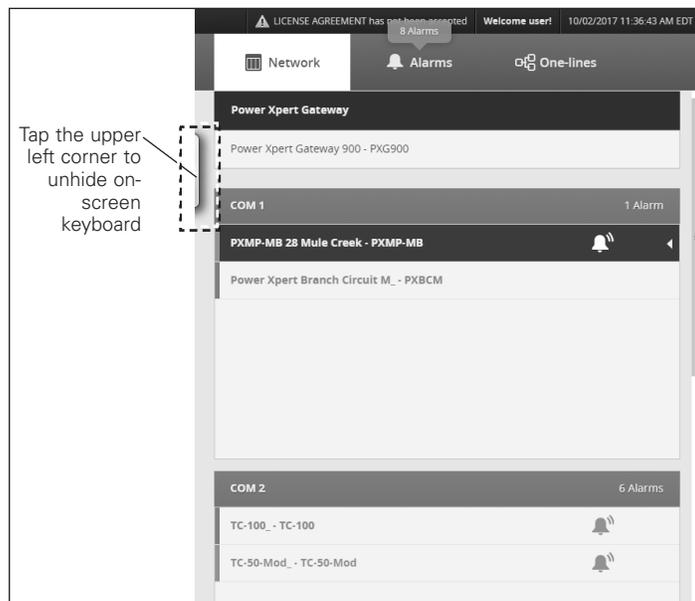


Figure 12. Access to the keyboard.

To scroll, tap the empty section of any scrollbar.

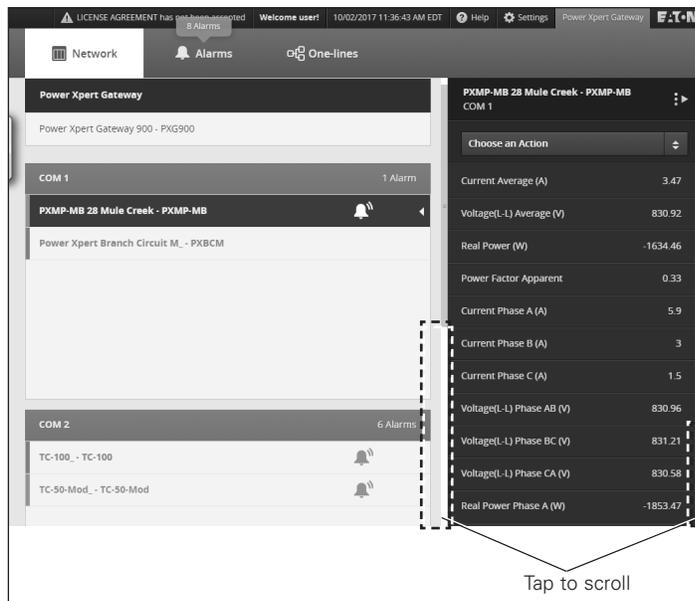


Figure 13. Scrolling.

PXG 900 firmware requirements

The minimum gateway firmware version required for compatibility is 4.2.2.

Technical information

- 1024 x 768 pixel backlit LCD graphic touch screen display.
- Power: 9–36 Vdc input.
 - Recommended power supplies: PSG60E (85-264 Vac input); PSG60F (320-575 Vac input).

Display measurements

- Height: 9.65 in. (245 mm);
- Width: 12.56 in. (319 mm);
- Depth: 2.00 in. (52 mm);
- Shipping weight: 2.1 lb (2.5 kg);
- Cutout dimensions: 11.90 x 9.00 in. (303 x 229 mm).

Ratings

- Front Bezel IP rating: IP65;
- Operating temperature: 0 ~ 50°C (32 ~ 122°F);
- Storage temperature: -20 ~ 60°C (-4 ~ 140°F);
- Storage humidity: 10%~90%, non-condensing.

Eaton
Electrical Sector
1000 Eaton Boulevard
Cleveland, OH 44122
United States
877-ETN-CARE (877-386-2273)
Eaton.com

© 2017 Eaton
All Rights Reserved
Printed in USA
Publication No. TD150022EN / TBG001372
October 2017