iRay 10x12 Tethered Installation Guide

April 2, 2018

Version 1.01

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1 Special Note

Please read and review the iRay-Venu1012X User Manual before proceeding with this guide. By proceeding, you agree that you have read and understand all content within that User Manual. The iRay-Venu1012X User Manual is included with the unit and can also be found on the 20/20 Imaging website.
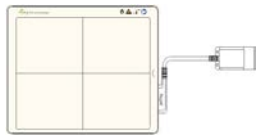
2 Packaging

2.1 Examine packaging

Examine the packaging for any damage. Notify the 20/20 Imaging sales coordinator/manager immediately if any damage to the boxes has occurred.

2.2 Verify package contents

1. Detector Panel & Detector Cable

2. Enclosure

3. 10m Gigabit Ethernet Cable

4. A/C Adapter

5. A/C Power Cable

6. CD-Rom with Calibration Data & User Manual

3 Connection & Setup

3.1 Power & Ethernet

3.1.1 Single Panel Configuration (no generator integration)

1. At the splitter, connect the power cable, followed by the 10m Ethernet cable
   *for the PXS710 unit, refer to that installation guide for internal connectivity

2. Plug the other end of the A/C adapter into a surge protected wall outlet or battery-backup (surge side)

3. Install Ethernet cable.

   - Single Panel Configuration: Plug the other end of the 10m Ethernet cable into the on-board NIC card of the PC.

   - Dual Panel Configuration: Plug the other ends of each 10m Ethernet cable into the ports on the 5-port Gigabit Ethernet switch and connect the 3' Ethernet cable from the 5-port switch into the on-board NIC card of the PC.
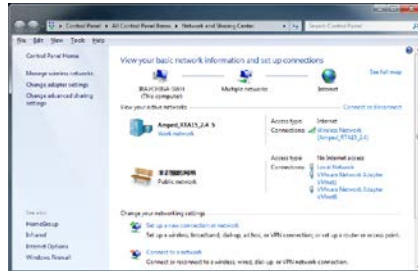
3.2 Enclosure

1. Route cable inside of enclosure. Use a soft but blunt object to tuck cable inside of enclosure.
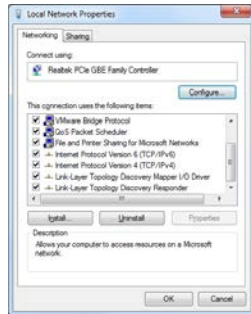
3.3   Panel LAN Connection

1. Open Local Network Management.

2. Open TCP/IPv4 settings.

3. Ensure the IP address and Subnet Mask are set (192.168.8.188 / 255.255.255.0).

3.4   Calibration

Each DR Panel is pre-calibrated. If a re-calibration is necessary, refer to Calibration Guide to set calibration data and/or perform calibration.

4 General Information, Operation, Maintenance

If you encounter issues not addressed by this user guide, please refer to the current revision iRay-Venu1012X User Manual, or contact technical support for additional assistance.