



Ipeps-DA 4.3 Release Note

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Scope

The ADDERLink® ipeps enables you to remotely access and control your critical computing hardware using your standard IP network. KVM connections are VGA and PS/2. Using RealVNC client software, computers outside the network can be remotely and securely accessed.

Parts affected

AL-IPEPS-DA

Reason for Release

This 4.3 maintenance release incorporates user notification features trialed in 4.2 beta, support for lower display resolutions, IoT Compliance and increase MacOS keyboard support.

Files

Al-ipeps Customer Upgrade Firmware

| Part No | Detailed name |
|-------------|---------------------------|
| AL-IPEPS-DA | upgrade_ipeps_pic_4.3.bin |

Changes since 4.0

| Issue Number | Summary | Resolution |
|--------------|---|------------|
| 20164 | F13 to F15 still not work from local keyboard but not over VNC on a Mac | Fixed |
| 20490 | Upgrade USB VID/PID to official Adder Values | Fixed |
| 20507 | Adhere to California IoT regulation | Fixed |
| 16151 | Can only upgrade on port 80 | Fixed |
| 16357 | Unable to use forward slash on US keyboards | Fixed |
| 6324 | Hanging problem with TSMC's SGI equipment | Fixed |
| 6097 | Accordance report mouse lock up using Absolute Mode | Fixed |
| 6043 | Ipeps does not acquire IP address via DHCP with option 8 enabled | Fixed |
| 6012 | Shared and Private modes to not work through USB to Host | Fixed |
| 5985 | No option to enable/disable or more "Remote Users" banner | Fixed |
| 5984 | Video resolutions below 1024x768 can make OSD unreadable | Fixed |
| 5974 | Performing Factory Reset via the OSD leaves device inaccessible | Fixed |
| 5922 | Report number of remote and local users to OSD | Fixed |
| 5921 | Report number of remote and local users to VNC | Fixed |
| 5820 | Autocalibration fails om 1280x1024 resolution | Fixed |
| 5927 | Local keyboard input not working until remote connection made | Fixed |
| 5916 | Boot0/product/<ipeps_clone>/build/MakeFiel deleted on 'make clean' | Fixed |

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|------|--|-------|
| 5887 | Portuguese Keyboard missing form configuration | Fixed |
| 5838 | Mouse/Keyboard in use notification | Fixed |
| 5860 | Active Directory Improvements | Fixed |
| 5841 | Solomon IoT Branding | Fixed |
| 5839 | Allow Admin to set switching time | Fixed |
| 5819 | Auto login was taken out | Fixed |

Summary of testing

All test sets have been successfully completed. Known issues are detailed below.

Known Issues

| Issue Number | Summary | Workaround/Comment |
|--------------|------------------------------------|--------------------|
| n/a | No new issues found during testing | |

Customer upgrade install instructions

1. Open VNC connection to IPEPS-DA as the Admin user
2. Click on Configure button to the top-right of the VNC UI
3. Click on Unit Configuration
4. Click on Advanced Unit Configuration
5. Click on Upgrade Firmware
6. Click on Ok to confirm
7. Open Web-browser to IP address of IPEPS-DA, default 192.168.1.42
8. Click to upload the upgrade file – “upgrade_ipeps_pic_4.3.bin”
9. Click to start the upgrade
10. Click to Reboot the unit into normal operation