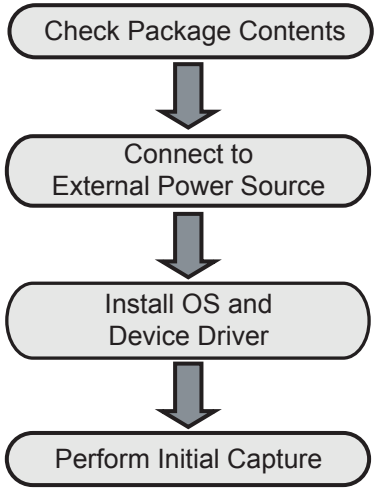
NEON-1040/1020
Quad Core x86 Smart Camera

Getting Started



Package Contents

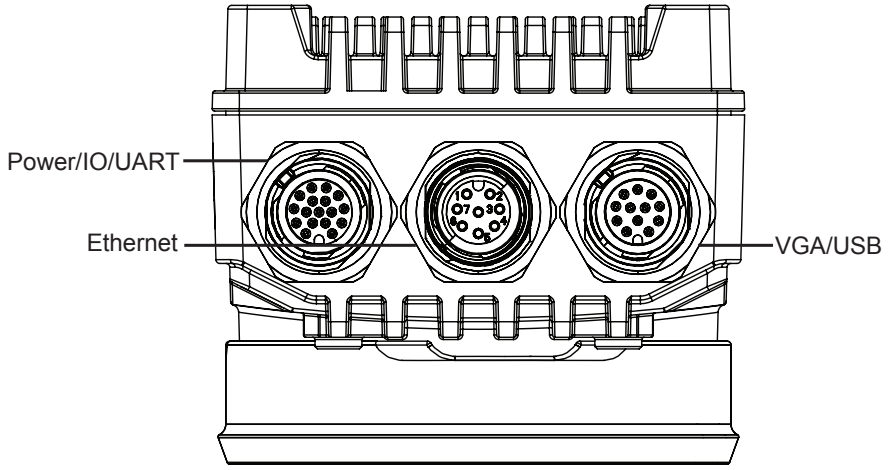
Your package should contain:

- NEON-1040/1020 unit
- Quick Start Guide (this document)

Features

- Intel® Atom™ quad core processor E3845 1.91 GHz
- 4MP, 60fps, monochrome global shutter CMOS sensor
- IP67-rated housing and M12 connectors
- Advanced image processing support
- GeniCam , GenTL, Open CV and Open CL compatible with image acquisition
- 4x isolated inputs, 4x isolated outputs, USB 2.0 port, RS-232 ports
- 68.5W x 110D x 52.7H mm (27 X 43.3 X 20.7 in)
- Flexible software support for STEMMER Common Vision Blox, MVTec HALCON, and many others
- Compact, rugged form factor

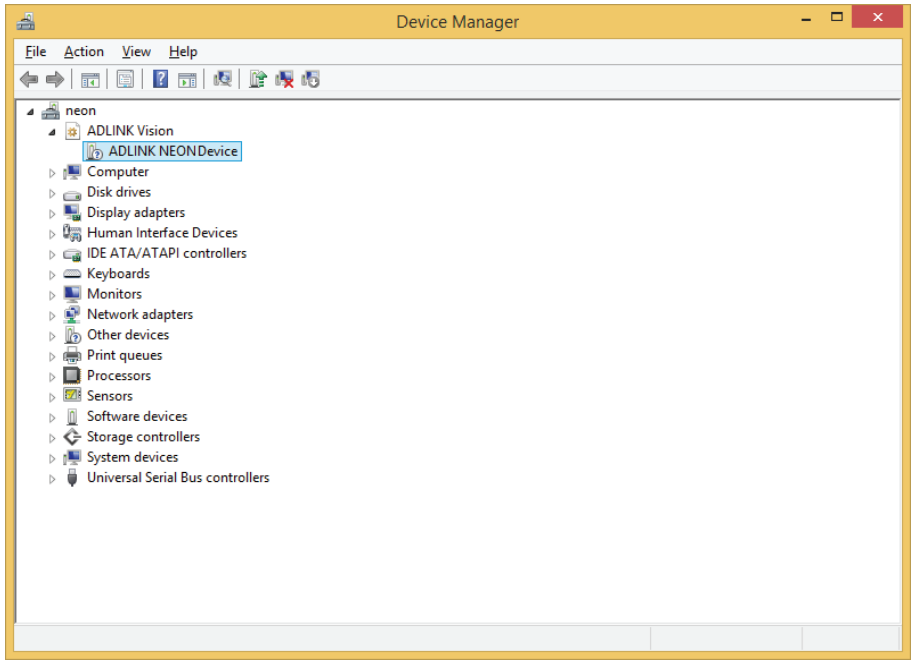
I/O Array



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Installing the OS and Device Driver

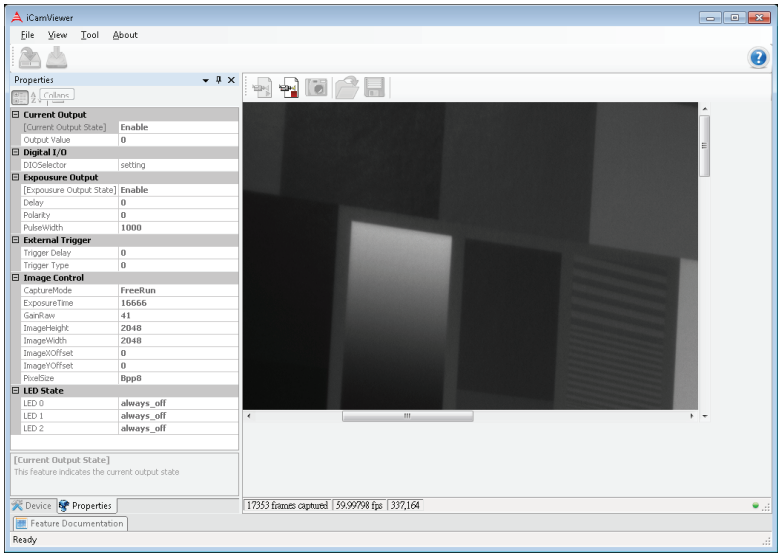
1. Download the latest driver from the ADLINK website http://www.adlinktech.com
2. Run
3. Follow the installation instructions.
4. When prompted, restart your system.
4. After restarting, check the system's Device Manager and ensure that the entries as shown appear.



Performing Initial Capture

1. Launch the ICamViewer Utility, by either launching the application from the Start menu, or going to C:\Program Files\ADLINK\iCamViewer
2. Select Start Acquisition  or Snapshot 

   from the Image View window to initiate image acquisition.



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