xiQ [zy-kju:]

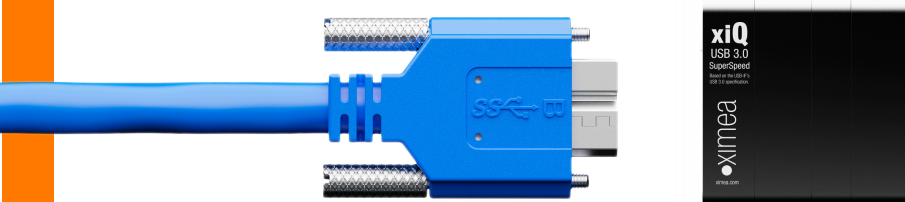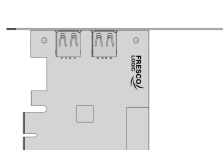## USB 3.0 cameras

Quick start guide

What's in the box

- **xiQ** camera with "T" bracket
- USB 3.0 PCIe card FRESCO Logic FL1009
- USB 3.0 cable

System requirements

Windows 7, 32 or 64 bit with SP1
Intel i3 or better
2GB RAM or more
200MB of free disk space
one free PCIe x1-16x Gen 2 slot

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Get drivers, application notes, examples, help and support at:

ximea.com/usb3zone

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We strongly encourage you to use bundled USB 3.0 host adapter card. Shall you need to use other than bundled adapter, please ensure yourself it is compatible one. See the compatibility matrix at usb3zone.

1. Install FL1009 USB3.0 PCIe host adapter card. Be sure to connect onboard power connector, providing extra power to the adapter.

2. Download and install FRESCO Logic FL1009 USB3.0 host adapter card drivers.

3. Download and install XIMEA camera installer.

4. Connect xiQ camera, tighten thumb-screws locks. POWER and STATUS 2 (Super-Speed link active) indicators shall be steady lit.

5. Start xiViewer. Image acquisition shall start immediately. Use mouse right-click to access camera menu.

Learn more

Please visit wiki section of usb3zone to learn more about installed demos and XIMEA API.

Thanks!

Digital Output
Opto-isolated, NPN open
collector, max. load 25mA
max. open voltage 24V

Digital Input
Opto-isolated input
low (off) level 0-5V
high (on) level 12-24V
max. input voltage 24V

GND
Common I/O ground

LED indicators
function assignment configurable
via software

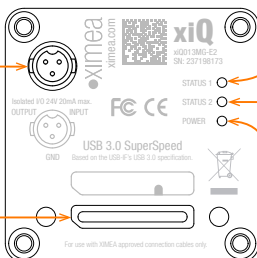## Digital I/O
opto-isolated input and output
mating connector:
Hirose P/N: SR38-4P-3P(71)

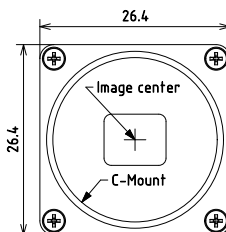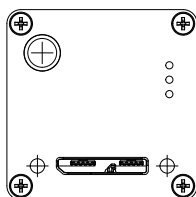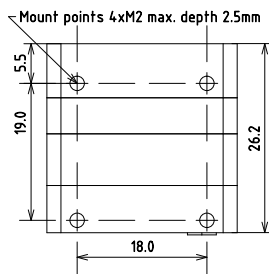## USB 3.0 micro
type B connector
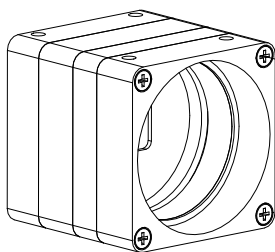18mm spacing M2 locking screws

STATUS 1
by default indicates pending exposure

STATUS 2
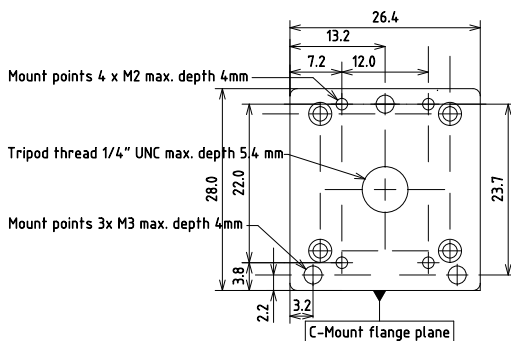by default indicates SuperSpeed link active

POWER
by default indicates camera power present

Mount points 4xM2 max. depth 2.5mm

5.5
19.0
26.2
18.0

26.4
26.4
Image center
C-Mount

As supplied, xiQ camera is configured to have standard C-mount
1"x32TPI thread, back focal distance of 17.526mm There is no need to
use additional adapters with standard C-mount lenses. Given size of the
sensor requires 1/2" sensor compatible lens to avoid vignetting.

Dimensions:
- 26.4
- 13.2
- 7.2
- 12.0
- Mount points 4 x M2 max. depth 4mm
- Tripod thread 1/4" UNC max. depth 5.4 mm
- Mount points 3x M3 max. depth 4mm
- 28.0
- 22.0
- 23.7
- 3.8
- 2.2
- 3.2
- C–Mount flange plane

Mounting bracket is being supplied pre-assembled with the camera body. It is easily removable if needed by removing four M2 screws located on the bottom side of the mounting bracket.

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