

WidePix POE v2 Quick Start Guide

Online version: https://wiki.advacam.cz/wiki/WidePix_POE_v2_Quick_Start_Guide

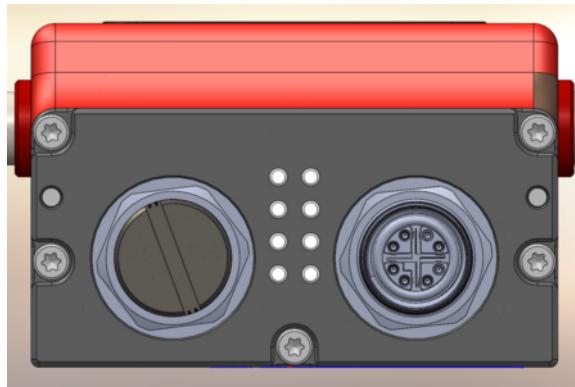
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Prerequisites

- Connect power cable (not needed when using POE)
- Connect ethernet cable
- PC with Pixet
- At least 1Gbit/s ethernet is required
- Magnet

Description of LED indicators



4 LEDs Left side

L1. Device status

- **Green** blinking 2s - device ready, OK
- **Orange** still - just init (about 1s)
- **Red** blinking - overtemperature ($> 55^{\circ}\text{C}$) warning
- **Red** still - fatal error, power cycle the device. If this LED is still red, contact Advacam technical support.

L2. Error code LED

- **Green** blinking according to the error (it does not prevent functionality of the device)
- In this case, Technical Support will ask the customer to make 10s video

L3. Reserved for internal purpose

- **Violet** still - the device restarted itself (it is not a problem at the device starting, but if this occurs during measurement, it will probably stop working)

L4. Power supply for the row segment

- **Orange** still - power on (when pixet is running)
- The LED stays on even when Pixet crashes!

4 LEDs Right side

R1. FPGA

- **Orange** still - shutter is open
- **Orange** changes to **Red** during init
- It is used also during IP reset procedure (described below)

R2. Device power

- **Blue** still - power on
- **Blue** blinks shortly during init
- **Blue** still and **green** blinking (result is **blue-turquoise**) - communication with Pixet during FW revert procedure (described below)

R3+R4. Eth link (R3 green, R4 red)

- None - no connection
- Only **green** blinking - 1 Gbit/s, ok
- Only **red** blinking - lower speed
- Both **red** and **green** blinking - lower speed
- Both **red** and **green** blinking shortly during init
- Both **red** and **green** still - connected to switch, but without access to network

Network settings

IP address change

 Video of IP reset

- Connect the device to power.
- After the device init (R1 is **Orange**, changes to **Red** and turns off), attach the magnet to magnetic sensor. When the magnetic field is recognized, R1 turns **Blue**.
- When the change mode is enabled, R1 changes to one of the colors indicating the actual settings (listed below).
- Use magnet for select the preferred settings. There are 3 possibilities of the R1 color for different IP configurations:
 - **Red** = Auto IP
 - **Green** = DHCP
 - **Yellow** = Static IP (192.168.1.100)
- Wait for several seconds. R1 blinks several times and turns off. Now the setting is saved.