



# USB camera



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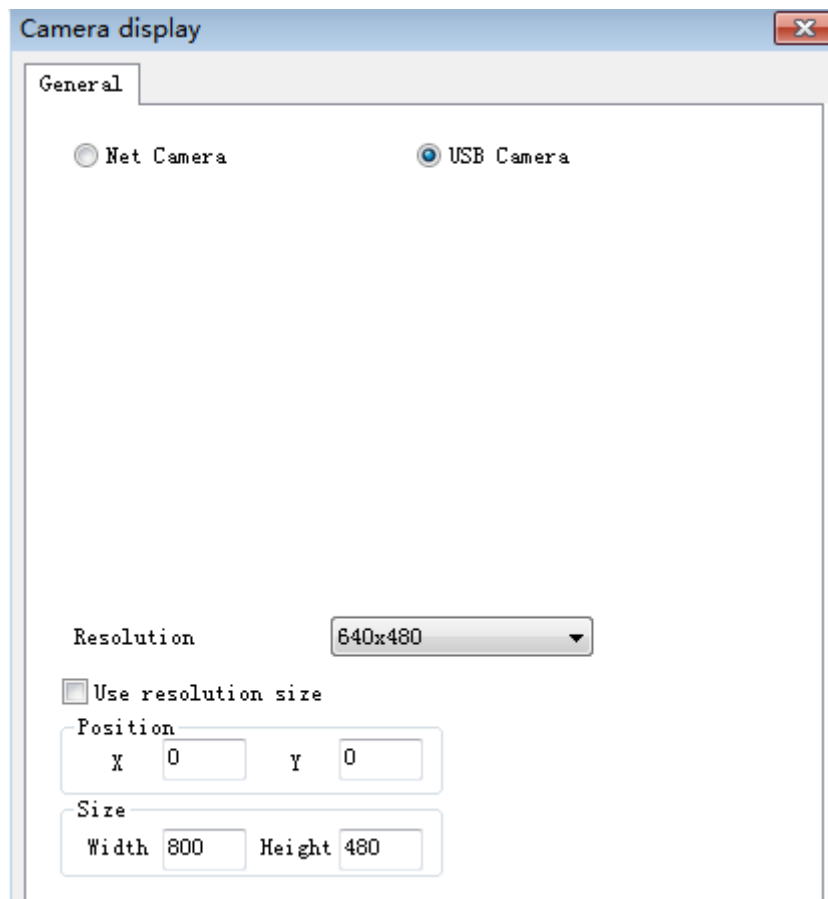


# 1. General

This document introduces the USB camera in PI Series HMI, it contains how to set this function when programming, recommended USB camera model and some points for stable use.

## 2. PI8000

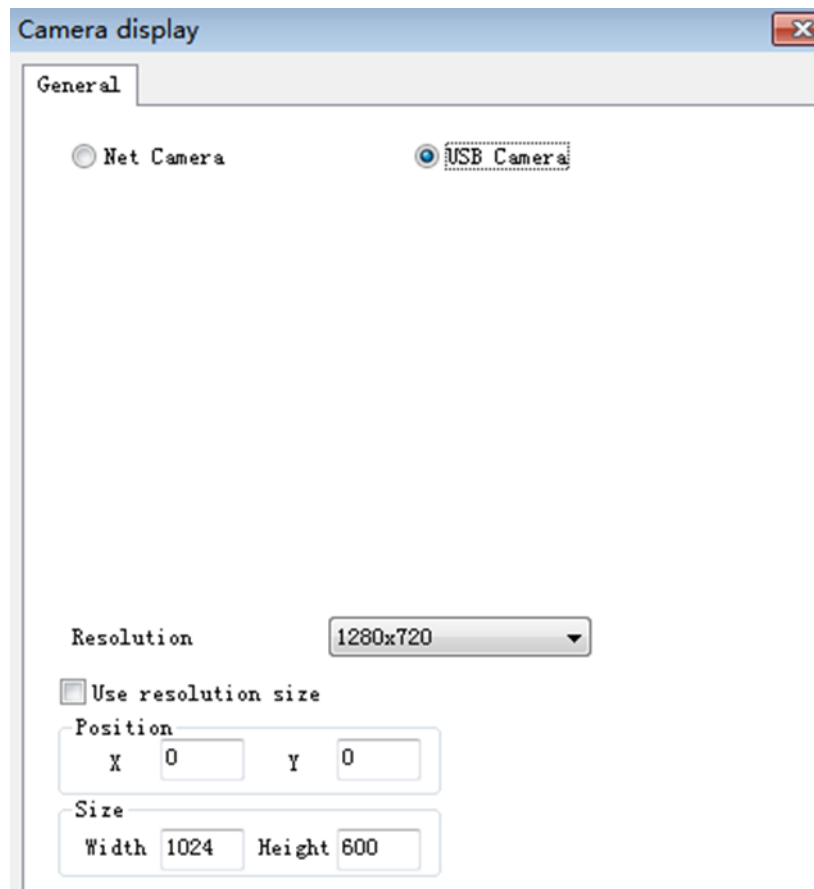
PI8000 can support the USB camera up to 800\*480 resolution. The recommended configuration is as below:



## 3. PI9000

PI9000 can support the USB camera up to 1280\*720 resolution. The recommended configuration is as

below:



## 4. Recommended USB camera model

All below USB camera model have been tested by WECON to ensure the compatibility.

- 1) REB-USB 100W07M (supports 720p)
- 2) WX152HD (supports 720p)
- 3) RMONCAM G200 (supports 720p)
- 4) ASHU S300 (640\*480)
- 5) (we are testing more USB camera, the list will keep updating)

## 5. Some points for stable use

- 1) One HMI can only connect with only one USB camera, and only one camera device is allowed in the HMI project.
- 2) USB hub is not allowed, the USB camera need to connect with the HMI directly. When using the USB

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camera, no hot plug operation is allowed.

- 3) From 2018, only some special version pi8000 and PI9000 HMI can support USB camera, general version pi8000, pi9000 and all pi3000 cannot support USB camera function.
- 4) If user need to use the extension line, the length is limited within 5 meters and the extension line should has a magnetic ring.
- 5) Sometimes the USB camera may lose the image because of the noise in the field, then we suggest to pi9000 HMI and the recommended USB camera model.