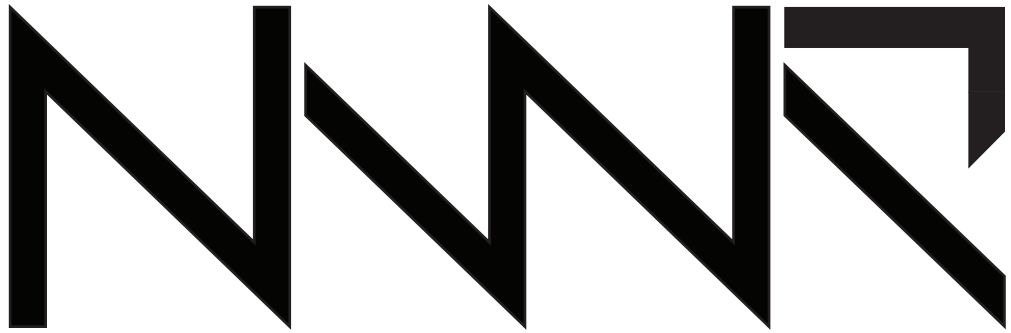


NOWING

STATE OF THE ART ENGINEERING



robots ready for work

Visit us at nowing.com

Send us an email at inquiry@nowing.com



Machine vision for quality control and closed-loop robot operation

Camera

Focus: 3.8 mm
 Field of view: 70 degrees
 Range: 15 cm - infinity
 Distortion: <1%
 Image scan resolution and speed: 2592 x 1936 7 fps
 1920 x 1080 12 fps
 1280 x 720 32 fps

Inputs & Outputs

Input:

5V 2A power input
 SNAP pin
 service port (serial)

Output:

STATUS pin
 OK pin
 NG pin

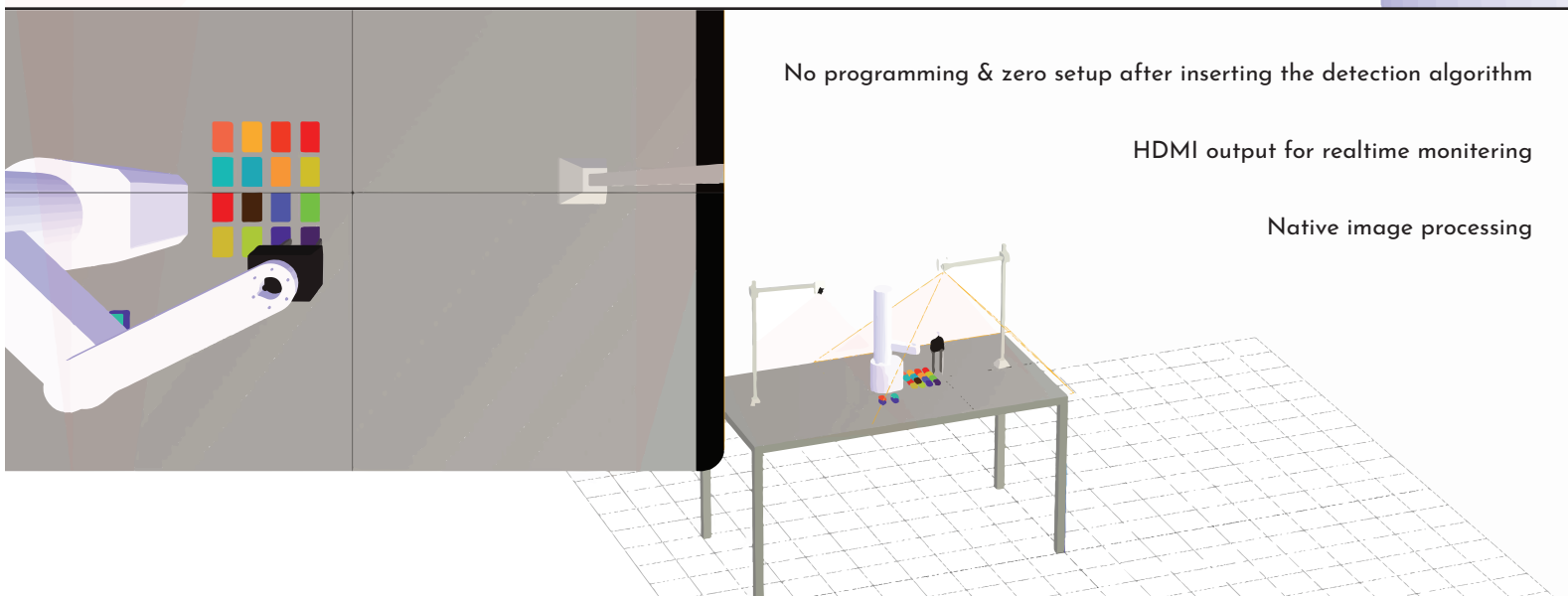
USB:

HDMI
 for installing detection algorithm & downloading images

Simply plug in

to collect images
 to install algorithm
 to start production
 to maintain

- 1) connect to WiFi or insert an empty USB drive 2) start scanning 3) upload images
- 1) download algo.so file 2) wait for new algorithm to be installed
- 1) monitor output pins 2) start scanning
- 1) download NOWING maintenance file 2) wait for status indicator 3) unplug USB drive



No programming & zero setup after inserting the detection algorithm

HDMI output for realtime monitoring

Native image processing