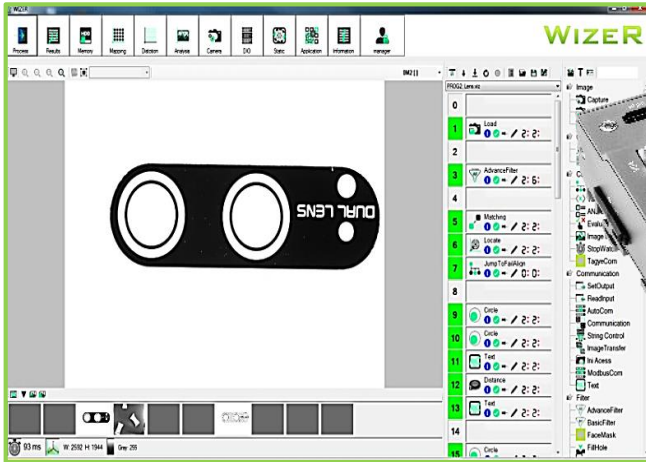# CONTROLX

Compact Embedded Controller For Vision Applications

ControlX-WRB Series

CX-WRB Series

Connect up to 2 cameras

Wizer 2.0 with Compact Embedded Controller with built-in DIO, lighting controller

CONTROLX-WRB series with WIZER 2.0 software is our compact embedded controller which offers with high computing speed and flexibility to serve a wide range of vision applications across diverse industries.

Description	ControlX-WRB
System Core	
CPU Processor	Intel® ATOM™ processor E3845, soldered on board, 64-bit x86, Quad Core 1.91GHz
Memory	4G-byte DDR3L-1333, soldered on board
Storage	64G-byte eMMC5.1 Flash for OS, soldered on board
Operating System	
Supported OS	Windows 10 IoT Enterprise, Windows 10 IoT Core, Ubuntu 16.04
Graphics	
HDMI & VGA	1x HDMI, 1x VGA
Camera Interface	
GigE Vision	4x Gigabit Ethernet (Intel® I210 controller), support IEEE 802.3at (25.5W) PoE+
I/O interface	
DI/O	Isolated 8 DI, 8 DO
LED Driver	4 CH independent constant current LED driver (0ma – 1500mA by software)
USB	1x USB 3.0, 1x USB 2.0 + 1 x USB2.0 internal
Series port	1x RS232, 1x RS485 (isolated)
Power Supply	
DC input	24V DC
Physical	
Dimension	90 x 146 x 50 mm
Weight	0.8 kg

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