



Compact Embedded Controller For Vision Applications

ControlX-1300G



Connect up to 2 cameras

ControlX-1300G Series with Wizer 2.0 software is our small, compact embedded vision controller that comes with illumination control & digital I/Os to help the users to create a solution with minimal efforts.

It has been designed with DIN-Rail mounting for ease of installation onto the automation handler

Wizer 2.0 software can be purchased with the different modular options:

- ❖ 1D/2D/OCR (CCR)
- ❖ Matching & Metrology (STD)
- ❖ Complete Bundle (BUN)

Hardware Specification

Description	CX1300G
System Core	
CPU Processor	Intel® ATOM™ processor SoC E3950, Quad Core 2.0GHz
Memory	4G-byte LPDDR4-2400, 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 (1.5A/24V per CH)
USB	2x USB 3.0, 1x USB 2.0 + 1 x USB2.0 internal
Series port	2x RS232(TX & RX only), 1x RS485 (isolated)
Power Supply	
DC input	24V DC
Physical	
Dimension	90 x 166 x 50 mm
Weight	0.9 kg