



Compact Embedded Camera For Vision Applications

SmartX-WRW Series



Wizer 2.0 with Compact Embedded Camera of resolution ranging from **400K – 20MP** for your machine vision application

Model	Specification
SX-WRW-04M/C200	0.4MP / CMOS / 720X540 / 200fps / 1/3" / Global
SX-WRW-16M/C107	1.6MP / CMOS / 1456X1088 / 107fps / 1/3" / Global
SX-WRW-32M/C055	3.2MP / CMOS / 2064X1536 / 55fps / 1/1.8" / Global
SX-WRW-50M/C036	5.0MP / CMOS / 2465X2048 / 35.7fps / 2/3" / Global
SX-WRW-200M/C020	20MP / CMOS / 5472X3648 / 20fps / 1" / Rolling
Description	SmartX-WRW Series
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	1x HDMI
Camera Interface	
Ethernet	One Gigabit Ethernet by Intel® I210 controller
I/O interface	
DI/O	Isolated 8 DI, 8 DO
LED Driver	External LED driver (in IO module) supports general LED Illuminator, max output 1.5A/24V
USB	3 x USB2.0 ports + 1 x USB2.0 internal
Series port	Two 9-pin RS232 ports with TX/RX signal only
Power Supply	
DC input	24V DC
Physical	
Dimension	90 x 146 x 50 mm
Weight	0.8 kg