


SUPER_WALZ_CAM Technical Specifications v04.16

ANPR Sensor Specifications	
Sensor Type	1/3-inch CCD
Total Sensor Pixels	1.288 x 964 (1.3 MP)
Chroma	Mono
Pixel size	3.75 μ m
Lens Mount	CS-Mount
Interface	GigE
Max Frame per Seconds	30 FPS
Video Streaming	Mono 8
Shutter	Global shutter
Lens	MP fixed focal, manual IRIS: 6, 8, 12, 16, 25 mm
Power Requirements	12 V nominal
Power consumption	2.5 W (Maximum)
Lifetime MTBF	> 150.000 hours
Colour Sensor Specifications	
Sensor Type	1/3-inch CCD
Total Sensor Pixels	1.288 x 964 (1.3 MP)
Chroma	Colour
Pixel size	3.75 μ m
Lens Mount	CS-Mount
Interface	GigE
Max Frame per Seconds	30 FPS
Video Streaming	RGB 8
Shutter	Global shutter
Lens	MP fixed focal, manual IRIS: 6, 8, 12, 16, 25 mm
Power Requirements	12 V nominal
Power consumption	2.5 W (Maximum)
Lifetime MTBF	> 150.000 hours
LED (x4)	
Wavelength	Controlled pulse Infra-red LED, 850nm
Power consumption	12W
Radiant Intensity	630mW/sr @ 1A
Forward current	1000 mA
Operating Temperature	-40°C ~ 100°C
Lifetime MTBF	> 50.000 hours
Processing Module	
CPU	Intel® Atom™ QC E3845 (1.91GHz, 2MB cache)
System Memory	DDR3L-1333 SO-DIMM, 4GB
SSD Hard Disk / Mini-PCIe	1x mSATA for 32 GB options: 60 GB, 120 GB, 240 GB
Display Interface	DisplayPort
USB	1 port USB3.0 on board 1 port USB2.0 on board 2 ports USB2.0 via pin header
Controller	2x Intel® I210IT PCI-E Gigabit LAN
Connector	2x RJ-45 on board
Wi-Fi / Half Mini PCIe	IEEE802.11b/g/n

Digital Output	Dry contact relay, 1A - 12VDC
Digital Input	Dry contact
Power Requirement	+12V: 1.57A
Operating Temperature	-40°C / +85°C
Relative Humidity	10%~90% (non-condensing)
Operating System	Microsoft® Windows® 8.1
Power, Housing & Environmental Specifications	
Power Supply	12 VDC
Power Consumption	2 A
Ambient operating temp.	-25° to +60° C
Ambient operating Humidity	20 up to 93%RH
Storage Temp.	-25° to +70° C
Storage Humidity	Up to 98% RH
IP rate	IP66 according with EN60529
Camera Housing	Aluminium anodized
Output (IP 66)	A: 4 pins. Power & Output (N.O.) B: RJ45, Ethernet 10/100 BASE-T C: 10 pins, Extra Illuminator Sync
Tripod mount	Bottom 3x 1/4-inch 20 UNC
Dimensions (L x W x H)	270 x 165 x 80mm
Weight	2.5 kg
Power Supply Unit	
Mains Supply	110/220V, 50Hz – 5 A
Output	Nominal 12 Volts DC
Dimensions (L x W x H)	170 x 70 x 45 mm
Weight	1 kg
IP rate	IP66 according with EN60529

Product codes

			
		EU Plates	
Product code	N. of lanes	Min distance ¹ mt (lane width)	Max distance ² mt (lane width)
SWZ_6	1	3.2 (2.6 mt)	6 (4.9 mt)
SWZ_8	1	4.4 (2.4 mt)	7.9 (4.4 mt)
SWZ_12	1	6 (2.4 mt)	13.9 (5.6 mt)
SWZ_16	1	8.3 (2.4 mt)	16.3 (4.6 mt)
SWZ_25	1	13.9 (2.6 mt)	27 (5 mt)

¹ Characters height: 40 pixels² Characters height: 20 pixels³ Two Extra illuminators required

Weights, dimensions and distances indicated are approximate. Specifications are subject to change without notice.