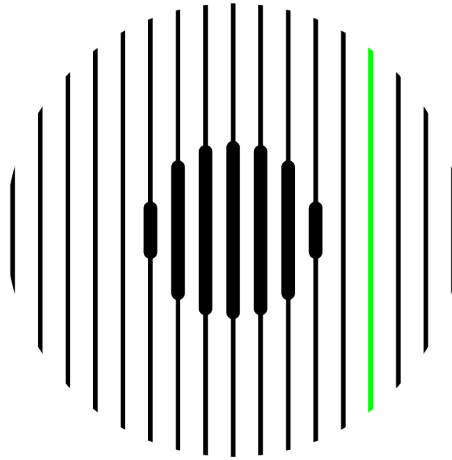


Sentispec™



Data
visionaries

Data Sheet – Inventory Recording Unit 2.0

Rev.1

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Specifications

Camera	
Image Sensor	1.2" CMOS
Max. Resolution	4480(H) × 4496(V)
Pixel Size	2.74 × 2.74 μm
Shutter Type	Global Shutter
Dynamic range	69.8 dB
Signal-to-noise ratio	39.6 dB
Shutter Speed	0.001 ... 60000 ms
Colour mode	Monochrome
Framerate	6FPS
Data rate	3 GB/Min recording
Camera Lens	
Operation of iris	Manual
Operation of focus	Manual
Lens Mount	C-Mount
Focal Length	12 mm
Max. Aperture	F 1.8 - F16
Field of View	1.5m x 1.5m Default configuration
Angle of view	62.5° × 47.8° (1.1")
Focus Distance	1.5m +/- 0.2 m Default configuration
Recording unit capabilities	
Network interface	RJ-45 Gigabit
Network Protocol	IPv4; HTTP; TCP;SSH;
Monitor	7" Touch screen
Peripheral ports	2 x USB 3.0 Type A port 1 x Gigabit ethernet 1 x Mini DisplayPort
Visual FoV indication	2 x Class 1 lasers

Memory	8GB of RAM
Processor	8-core i7 PC
Storage	2TB of SSD storage
Cooling	Forced air / fan cooling
Operating time	8 hours

Environmental	
Operating Temperature	-20 °C to +40 °C (-4 °F to 104 °F)
Operating Humidity	≤80%
Storage Temperature	+0° C to +40 °C (32 °F to 104 °F)
General	
Input Voltage Range	90 - 305 VAC
Input Current	8 A 115 VAC; 4.2 A 230 VAC
Battery Capacity	200 Ah
Battery Type	Lead-Acid (Gel battery)
Charging time	Max 6 hours
Product Dimensions	730 mm (height) x 550 mm (width) x 750 mm (length)
Net Weight	104 kg (229 lbs)
Gross Weight	120 kg (265 lb)
Sentsispec Access AI Platform parameters	
Data storage	Local on premise
Runtime environment	Docker and Windows (Server, 10 and 11)
Encryption	SSL
Transmission protocol	SCP, HTTPS
GPU support	Nvidia CUDA supported graphics cards
Network	Ethernet
Sampling rate	6 frame / second
Average data storage per recording	3GB per minute

Dynamic Brightness Control	Eliminates challenges on varying lighting conditions for warehouses
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About Sentsispec

Sentsispec transforms cameras from passive devices into an integral part of providing business critical information – real time.

Through our unique AI platform, we give you the insights and the interpretation to optimise your business, drive change and deliver immediate results in improved efficiency and environmental impact.

We believe data vision is, quite simply, visionary for business.

Sentsispec. Data visionaries.

For additional information, please visit www.sentsispec.com.

