

HSS-SENSE® IRX5000

Industrial Acoustic Infrared Fusion Imaging Camera 2 in 1

Specification

Acoustic Parameters	
Acoustic Measurements	128 Low Noise MEMS Microphones, Real-time Sound Visualization
F. O. V.	70°
Dynamic Range	> 120dB
Bandwidth	2kHz – 65kHz, Adjustable
Frame Rate	25 FPS
Measuring Distance	0.3 m to 130 m
Functions	Power Grid / Mechanical Vibration / Gas Leak Location
Infrared Parameters	
Pixel	384 x 288
F. O. V.	13° x 10°
Focal Length	19 mm
Physical & Battery Data	
Dimension	350 x 196 x 106 mm (13.8 x 7.7 x 4.1 inch)
Weight	1.3 kg (2.87 lbs)
Battery Capacity	7.2 V, 6700 mAh
Duration	~4 Hours
Charging	USB Type-C interface USB PD Protocol (Power Delivery Protocol)
Power (Capacity factor)	Max. Power 20W, Max Power for single charge Max 16W
Environment Parameters	
Working Condition	-10°C to +50°C, 10% to 95% non-Condensing
Storage Temperature	-20°C to +40°C
charging Temperature	+10°C to +40°C
User Interface	
Screen	Size: 7", 1024 x 600, Color: 24-bit RGB, Brightness: 1000cd/m ³
Input	Capacitive Touchscreen
Video Resolution	1640 x 1234 Video
Video Frame Rate	25 FPS (Max)
Image Frame Rate	30 FPS (Max)



www.dill-tech.com.au
Email: sales@dill-tech.com.au
Phone: (+61) 0407 425 315

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Communication & Storage	
External Storage	64 GB SD Card
Internal Storage	8 GB, Emergency Storage Only
Data Storage Format	.jpg & .mp4
Camera	
F. O. V.	70°
Focal Length	3.04 mm (Fixed)
Pixels	8 million
Built in Battery	6 Wh Li-ion Battery, External Power Supply > 12 Hours
Warranty	1 Years Limited Warranty

