

Han 1000 Series



Overview

The HAN SERIES comprises a host of features in an ULTRA COMPACT form factor; while supporting the highest frame rate compared to competing models. The small form factor provides more versatility in space and weight considerations to benefit the actual operation and installation. Every unit has passed our rigorous testing procedure to ensure reliability even in mission critical applications.

Dimension



<http://www.imi-tech.com>

For design help, accessories or pricing, please contact
sales@avsupply or call: 1-858-565-1101

Specifications

Model	IMx-1200FT	IMx-3145FT	IMx-1140FT	IMx-1080FT	IMx-1070FT	IMx-1050FT	IMx-1040FT
Image Sensor	1/1.8" Sony CCD	2/3" Sony CCD	1/2" Sony CCD	1/3" Sony CCD	1/2" Sony CCD	1/2" Sony CCD	1/3" Sony CCD
Sensor Name	ICX274 AL/AQ	ICX285 AL/AQ	ICX205 AL/AK	ICX204 AL/AK	ICX415 AL/AK	ICX414 AL/AK	ICX424 AL/AQ
Resolution	Megapixel	2.0MP	1.4MP	1.4MP	0.78MP	0.45MP	0.3MP
	HxV	1600 x 1200	1388 x 1040 (Mono) 1388 x 1036 (Color)	1392 x 1040 (Mono) 1392 x 1036 (Color)	1032 x 776 (Mono) 1028 x 772 (Color)	782 x 582	656 x 484 (Mono) 652 x 480 (Color)
Pixel Size	4.40µm x 4.40µm	6.45µm x 6.45µm	4.65µm x 4.65µm	4.65µm x 4.65µm	8.3µm x 8.3µm	9.90µm x 9.90µm	7.40µm x 7.40µm
Frame Rate	16 fps	20 fps	20 fps	30 fps	60 fps	86 fps	86 fps
Digital Interface	IEEE 1394a (12pin) 1 Port						
Transfer Rate	400 Mbps						
Scanning System	Progressive Scan						
Shutter Type	Global Shutter						
Data Path	12bit, Raw RGB, YUV422, Mono 8, Mono 16						
Binning	2x2, 1x2 (Mono only) * Color/Mono is available for Imx-1200FT						
ROI	Partial Scan (Unit:4x4)						
Trigger	External or Software Trigger with various mode						
I/O Port	Ext. Power, Ext. Trigger, RS232, Strobe (12-pin)						
Memory Save/Load	16 Channels (0:factory, 1~4:feature, 5~15:mode/feature)						
SIO(RS-232)	IIDC Ver.1.31 : Pass through or IMI-Tech Command						
Gain Control	0 ~ 18 dB (Manual or Auto)						
Shutter Speed	Manual or Auto / Range : 1 µsec ~ 3600 sec						
Control Functions	Brightness, Sharpness, Gamma, Auto-gain, Auto-Shutter Pan/Tilt, User defined AE, Hue, Saturation *Auto White Balance						
Lens Mount	C Mount						
Operating Temp.	-5°C ~ 45°C						
Storage Temp.	-30°C ~ 60°C						
Supply Voltage	DC 8V ~ DC 30V						
Dimension	44(W)x29(H)x63(D)mm * 44x29x67 for Imx-3145FT / 44x29x63 for Imx-1200FT						

Note : Specification may be subject to change without notice.



(431-767) #616, Mega Valley, 799, Gwanyang 2-dong,
Dongan-gu, Anyang-si, Gyeonggi-do, Korea
TEL : +82-31-423-9801(rep), FAX : +82-31-423-9803,

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