PRODUCT REVIEW SHEET

HD-SDI Miniature Camera

Design



SJ MICROTECH Co., Ltd.

Key Features

1/3” Panasonic CMOS image sensor
Full HD Mega Pixel(1080P)
WDR (Wide Dynamic Range)
3D Digital Noise Reduction
Digital Slow Shutter (Sense up function)
D-WDR(Digital Wide Dynamic Range)
Motion Object Detection
Lens Shading Compensation
D-Zoom
Live Defect Detection & Correction
4.3mm MP pinhole lens (f=3.7mm: option)
OSD function through OSD linking cable (option)
DC12V

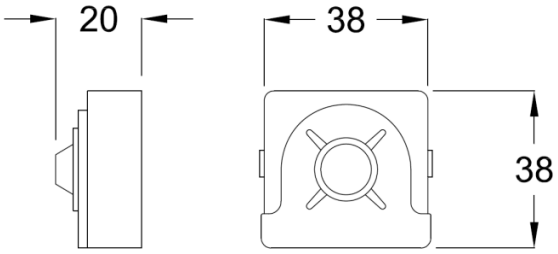


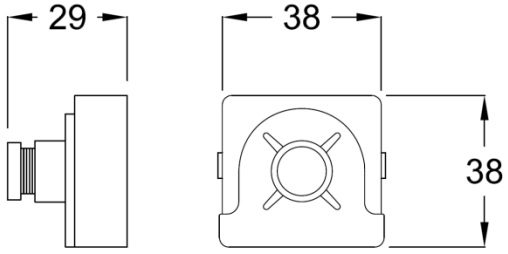
Specifications

Model (NTSC / PAL)	SJQ20B83NA	SJQ20B83PA
Image Sensor	1/3” Panasonic CMOS image sensor	
Total Pixel	2010(H) x 1108(V) = 2,227,080	
Active Pixel	1944(H) x 1092(V)= 2,122,848	
Resolution	Digital: NTSC: 1080p/30fps, 720P/60fps PAL: 1080P/25fps, 720P/50fps	
Scanning System	Progressive	
Video Output	HD-SDI	
S/N Ratio	More than 50dB (AGC off)	
Min. Illumination	Color : 1.0 lux, BW : 0.5 lux, Color DSS : 0.002 lux, BW DSS : 0.0008 lux	
Electronic Shutter	AUTO/MANUAL(1/25(30) ~ 1/60,000 sec)	
Digital Slow Shutter	Off/X2/X3/X4/X5/X6/X7/X8	
WDR/BLC	Off/BLC/WDR	
DWDR	Off/On	
DNR	Off/Low/Middle/High	
Privacy Mask	16 Masks	
Motion Detection	Off/On	
Language	ENG/CHN/CHN(S)/RUS/JPN	
Power Source	DC12V ±10%	
Power Consumption	Max 1.0 Watt	
Operating Temperature	-10℃ to 50℃	
Operating Humidity	10% to 85%	
Lens	4.3mm MP pinhole lens (3.7mm MP lens)	
Dimension/mm	38(W) x 20(D) x 38(H) 38(W) x 29(D) x 38(H)	
Weight/g	35	

Specification & Design are subject to change without prior notice

Dimensions





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