

TECHNICAL DATA SHEET

Preliminary

HDMC22I & HDMC22ICP

HD-SDI Miniature Cased PCB Cameras



HDMC22I



HDMC22ICP

KEY FEATURES

- 1/3" 2.1MP Colour CMOS Sensor
- Full HD 1080p Digital Images
- Digital Zoom With PIP (x64)
- 2D & 3D Noise Reduction (DNR)
- Ideal For Covert Operations
- Integral Mounting Bracket
- Connector Lead Included
- Automatic Gain Control
- White Balance
- DC 12V ($\pm 10\%$)

ORDERING INFORMATION

HDMC22I	2.1 MP 3.7mm Fixed Lens Miniature Cased HD PCB Camera
HDMC22ICP	2.1 MP 4.5mm Pin Hole Lens Miniature Cased HD PCB Camera

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TECHNICAL SPECIFICATION

Model Number	HDMC221	HDMC221CP
Sensor	1/3" Panasonic 2.1 Megapixel CMOS	
Total Pixels	2010(H) x 1108(V)	
Active Pixels	1944(H) x 1092(V)	
Scanning System	Progressive Scan	
Minimum Illumination	0.5 Lux (Colour), 0.1 Lux (BW), 0.02 Lux(Sens-UP x30)	
Video Output Mode	1080P (1920 x 1080) 25/30	
Video Output Level	HD-SDI / 1.0Vp-p (75Ω Composite) PAL	
S/N Ratio	More Than 50dB	
OSD	YES	
Electronic Shutter Speed	1/50sec ~ 1/50,000sec	
White Balance	AWB / AWC-SET / MANUAL / INDOOR / OUTDOOR	
Backlight Compensation	BLC / HSBL / OFF	
ACCE	LOW / MIDDLE / HIGH / OFF	
AGC	LOW / MIDDLE / HIGH	
Adjust	SHARPNESS / MONITOR / LSC / PAL	
Day & Night	AUTO / BW / COLOUR / EXT (Selectable)	
2D / 3D-NR	2DNR / 3DNR / SMART NR	
Digital Zoom / PIP	On / Off (x2 ~ x62)	
Privacy Masking	On / Off (8 Zone Selectable)	
Motion Detection	On / Off (3 Zone Selectable)	
Defect	LIVE DPC / STATIC DPC	
Sens - Up (Frame Integregation)	On / Off (Selectable Limit ~ x30)	
D- Effect	Freeze / Mirror / D-Zoom / NEG.Image	
Storage Temperature	0° ~ 50°C	
Operating Temperature	-20°C ~ 50°C	
Humidity	0% - 90%	
Power	DC12 (±10%)	
Power Consumption	150mA	
Dimension	38mm x 35.5mm	
Weight	0.15Kg	

Features and specifications are subject to change for further improvement without any notice