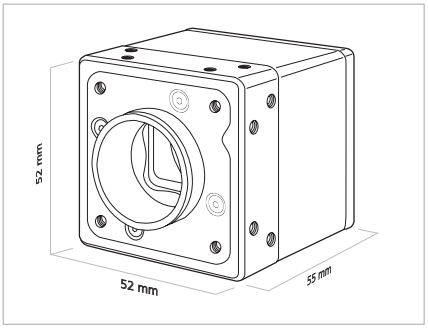
Baumer

Vision Technologies

HXG20c Facts and Data



GiGE VISION

GEN<i>CAM

CE FC RoHS COMPLIANT 2002/95/EC

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Digital Color Matrix Camera, 2 Megapixel, Dual GigE

Sensor Information

Model Name	CMOSIS CMV-2000
Type	2/3" progressive scan CMOS
Native Resolution	2048 × 1088 pixels
Exposure Time	20 µsec ... 1 sec

Acquisition Formats

Image Format	Full Frame	2048 × 1088 pixels	max. 105 fps
Pixel Formats	Bayer RG 8, Bayer RG10, Bayer RG12		
Partial Scan	True Partial Scan, Region of Interest (ROI) arbitrary		

Image Pre-processing

Analog Controls	Gain (0 ... 12 dB), Offset (0 ... 255 LSB)
Color Modes	

Camera Features

Internal Buffer	256 MBytes (max. 110 images)
Synchronization	Free running, Trigger
Trigger Sources	Hardware, Software, Action Command
Trigger Delay	0 ... 2 sec, Tracking and buffering of up to 512 trigger signals
Digital I/Os	3 input lines (with Debouncer), 3 output lines

Interfaces and Connectors

Data Interface	Dual GigE, Transfer Rate 2000 Mbit/sec Connector: 8P8CModular Jack (RJ45), screw lock type
Process Interface	M8 / 8 pins
Power Interface	M8 / 3 pins

Mechanical Data

Housing	Aluminum, IP40
Lens Mount	C-Mount
Dimensions	52 x 52 x 55 mm3
Weight	210 g (C-Mount)

Electrical Data

Power Supply	20 ... 30 V DC
Power Consumption	approx. 8 Watt (with camera factory settings)

Environmental Data

Operating Temperature	+5 °C ... +50 °C (+41 °F ... +122 °F)
Humidity	10% ... 90% non condensing

Technical data has been fully checked, but accuracy of printed matter not guaranteed.
Subject to change without notice. Printed in Germany 04/12