

CSC12M25BMP19 CSC12M25CMP19

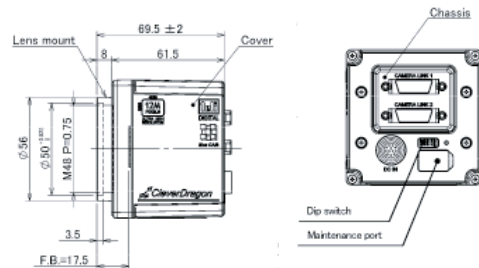
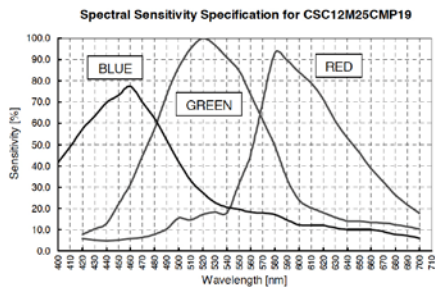
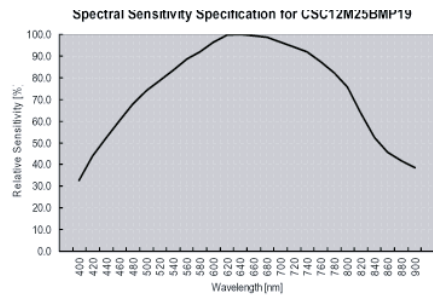
12 MEGA PIXEL MONOCHROME
AND COLOR CMOS CAMERA
WITH CAMERALINK



TECHNICAL DATA

CSC12M25BMP19

- 12 Megapixel 1.9 inch CMOS monochrome sensor
- 4096 (H) x 3072 (V) pixel
- High-speed full frame read-out
- Large square pixels (6.0µm x 6.0µm),



	CSC12M25BMP19	CSC12M25CMP19
Image sensor	CMOS image sensor	
Active pixel	4096 (H) x 3072 (V)	
Active area	24.60 mm (H) x 18.50 mm (V), 1.90 type	
Pixel size	6.00 µm x 6.00 µm	
Scan method	progressive	
Aspect ratio	4:3	
Video output	CameraLink, data 10/8 bit switchable	CameraLink, data RAW 8/10/ex8 bit switching
Frame rate	all pixel reading 25 fps (4096 x 3072), binning 2(H) x 2(V) at 30fps (2048 x 1536), sub-sampling 50 - 200 fps	
Sensitivity	2000 lx	3000 lx, F4, 5000K
Gain control	from 0 to 18 dB	
Gamma	1.0	
Input signal	LVDS	
Electronic shutter	global shutter, RDM shutter	
Random trigger shutter	ON/OFF change, fixed mode: exposure depends on shutter speed, pulse width mode: exposure depends on pulse width	
Shutter speed	all pixel reading, binning and sub-sampling: 1/20.000 to 2 sec	
Window-of-interest	1 - 28 windows	
Power consumption	approx. 6 W (in DC12V)	approx. 5.4 W (in DC12V)
Lens mount	TFL-II mount	
Flange back	17.5 mm	
External dimension	75 (W) x 75 (H) x 69.5 (D) mm	
Weight	approx. 400g	approx. 450g
Safety standards	CE, FCC	

NET New Electronic Technology GmbH
 Lerchenberg 7
 86923 Finning, Germany
 Tel: +49 8806 9234 0
 Fax: +49 8806 9234 77
 info@net-gmbh.com
 www.net-gmbh.com

NET Italia S.r.l.
 Via Carlo Pisacane, 9
 25128 Brescia, Italy
 Tel: +39 030 5237 163
 Fax: +39 030 5033 293
 info@net-italia.it
 www.net-italia.it

NET USA, Inc.
 3037 45th Street
 Highland IN 46322, USA
 Tel: +1 219 934 9042
 Fax: +1 219 934 9047
 info@net-usa-inc.com
 www.net-usa-inc.com

NET Japan Co., Ltd.
 2F Shin-Yokohama 214 Bldg.
 2-14-2 Shin-Yokohama, Kohoku-ku,
 Yokohama-shi, 222-0033, Japan
 Tel: +81 45 478 1020
 Fax: +81 45 476 2423
 info@net-japan.com
 www.net-japan.com