

Block Cameras

# TAMRON MP2030 CAMERA

## TAMRON MP2030 CAMERA MODULE WITH CMOS GLOBAL SHUTTER

### Features

- 1/1.8"-type global shutter CMOS, 3.19 MP
- Up to Full HD, 1920 x 1080, 60 fps with digital vibration compensation Digital Y/Pb/Pr 4:2:2 (LVDS)
- 30x optical zoom
- Horizontal viewing angle 60° - 2.5°



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### HD Interfaces

Interface	TL8651	TL8652	TL8656	TL6636
Input	LVDS	LVDS	LVDS	LVDS
Output	SDI	HDMI	SDI	USB3.0
Max.Resolution	1080p60	1080p60	1080p60	1080p30
Control Rx/Tx	LVTTL, RS232	LVTTL, RS232	LVTTL, RS232, PCOC	RS232
Control USB	n.a.	USB UART	n.a.	USB UART
Feature	CVBS pass out	Microphone, HDMI Audio, USB powered, CVBS pass out	PCOC 100m, CVBS pass out, Ext. Trigger	GPIO, Upright USB Conn., Ext. Trigger w. MP2030M-GS, Aut. Trigger w. MP2030M-GS
W[mm] x H[mm]	60 x 36	61 x 41	60 x 36	40 x 45

Mount Options	Side/top mount	Side/top mount	Side/top mount	Behind camera
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## Optical Fibre Interfaces

Interface	TL7075	TL7076
Input	LVDS	SDI optical fiber
Output	SDI optical fiber	SDI, HDMI
Max.Resolution	max. 1080p30	max 1080p30
Control Rx/Tx	Optical fiber	LVTTL, RS232
Control USB	n.a.	n.a.
Feature	Single fiber, bidirectional, Coax SDI out, HDMI out, CVBS pass out	Single fiber, bidirectional, Coax SDI out, HDMI out
W[mm] x H[mm]	52 x 60	52 x 60

## Analog HD/SD Interfaces

Interface	SL4651	TL9801
Input	LVDS	CVBS(KEL)
Output	HD-TVI (MCX), CVBS (Board to Wire)	CVBS(MCX, Board to Wire)
Max.Resolution	1080p30	PAL/NTSC
Control Rx/Tx	LVTTL,RS232,RS485	-
Control USB	n.a.	USB UART
Feature	CVBS pass out	
W[mm] x H[mm]	55 x 36	44 x 38
Mount Options	Side/top mount	Behind camera

