

JAI Camera Solutions. Product Matrix for Monochrome Cameras. 19.12.2003

Camera	Scanning		Sensor format	Resolution	Pixel frequency	Max. frame rate (Full resolution)	Max. frame rate (Reduced resolution)	Ext. sync.	Trigger modes	Mode control	Readout	Video output	Output timing	Sensitivity (Max gain, 50% video)	Signal/noise	Dimension	Lens mount	Remarks
	P = Progressive I = Interlaced	Standard																
TM-7EG	I	E	1/2	768x494	14.318	30	60	H,V	C	-	S	A	C	0.5	50	17.0 Dia x 101.9	14	Cylindrical, C-Mount adapter avail.
TM-200	I	E	1/2	768x494	14.318	30	60	H,V	C,L	S	S	A	C	0.5	50	39.6x46.2x79.0	C	Replaces TM-6EX and TM-6CN
TM-300	I	C	1/2	752x582	14.187	25	50	H,V	C,L	S	S	A	C	0.5	50	39.6x46.2x79.0	C	Replaces TM-6EX and TM-6CN
TM-250	I	E	1/2	768x494	14.318	30	60	H,V	C,E,W,D,L	S	S	A	C	0.5	50	44.0x44.0x62.5	C	Multiple asynchronous trigger modes
TM-260	I	C	1/2	752x582	14.187	25	50	H,V	C,E,W,D,L	S	S	A	C	0.5	50	44.0x44.0x62.5	C	Multiple asynchronous trigger modes
TM-72EX	I	E	2/3	768x494	14.318	30	60	H,V	C,E,L	S	S	A,I	C	0.5	50	39.6x46.2x79.0	C	3-bit external shutter control
TM-62EX	I	C	2/3	752x582	14.187	25	50	H,V	C,E,L	S	S	A,I	C	0.5	50	39.6x46.2x79.0	C	3-bit external shutter control
TM-745E	I	E	2/3	768x494	14.318	30	60	H,V	C,E,L	S	S	A,I	C	0.5	50	32.0x42.0x143.0	C	Edge enhancement, 3-bit ext. shutter ctrl.
TM-765E	I	C	2/3	752x582	14.187	25	50	H,V	C,E,L	S	S	A,I	C	0.5	50	32.0x42.0x143.0	C	Edge Enhancement, 3-bit ext. shutter ctrl.
TM-745i	I	E	2/3	768x494	14.318	30	60	H,V	C,E,L	S	S	A,I	C	0.5	50	32.0x42.0x143.0	C	Auto Shutter
TM-765i	I	C	2/3	752x582	14.187	25	50	H,V	C,E,L	S	S	A,I	C	0.5	50	32.0x42.0x143.0	C	Auto Shutter
TM-6702	P	NS	1/2	648x484	25.49	60	-	H,V	C,E,W,L	S	S,P	A	C	2	50	39.6x46.2x141.0	C	Framerate selectable
TM-6703	P	NS	1/2	648x484	25.49	60	220	H,V	C,E,W,L	S	S,B,P	A	C	2	50	39.6x46.2x141.0	C	Partial scan selectable, binning mode
TM-6710CL	P	NS	1/2	648x484	25.49	120	300	H,V	C,E,W,L	CL	D,B,P	A,CL,2x8	P,H,C,CL	4	45	39.6x46.2x141.0	C	Dual-tap CL, single tap analog, partial scan
TM-6760	P	NS	1/2	648x484	25.00	60	120	H,V	C,E,W,L	S,R	S,B,P	A,LVDS,8	P,H,C,L	1	50	44.0x44.0x76.4	C	Internal LUT, framerate selectable
TM-6760CL	P	NS	1/2	648x484	25.00	60	120	H,V	C,E,W,L	CL	S,B,P	A,CL,8	P,H,C,CL	1	50	44.0x44.0x76.4	C	Internal LUT, framerate selectable
TM-9701	P,I	NS+E	2/3	768x484	14.318	30	-	H,V	C,D,L	S	S	A,RS,8	P,H,C,L	1	50	44.0x48.0x148.0	C	Analog scan conversion
TM-1010	P	NS	1	1008x1018	20.00	15	-	H,V	C,E,W,L	S,R	S	A,LVDS,10	P,H,C,L	1	60	51.2x67.4x160.7	C	Variable clock frequency
TM-1040	P,I	NS+E	1	1008x1018	40.00	30	-	H,V	C,E,W,L	S,R	S	A,LVDS,10	P,H,C,L	1	60	51.2x67.4x178.5	C	Single tap output, analog scan conversion
TM-1400	P	NS	1/2	1392x1040	50.00	30	100	H,V	C,E,W,L	S,R	S,B,P	A,LVDS,8	P,H,C,L	1	48	44.0x44.0x76.4	C	Internal LUT, framerate selectable
TM-1400CL	P	NS	1/2	1392x1040	50.00	30	100	H,V	C,E,W,L	CL	S,B,P	A,CL,8	P,H,C,CL	1	48	44.0x44.0x76.4	C	Internal LUT, framerate selectable
TM-1325	P	NS	2/3	1392x1040	55.00	30	100	H,V	C,E,W,L	S,R	S,B,P	A,LVDS,8	P,H,C,L	1	50	44.0x44.0x76.4	C	Internal LUT, framerate selectable
TM-1325CL	P	NS	2/3	1392x1040	55.00	30	100	H,V	C,E,W,L	CL	S,B,P	A,CL,8	P,H,C,CL	1	50	44.0x44.0x76.4	C	Internal LUT, framerate selectable
TM-1020A-15	P	NS	1	1008x1018	20.00	15	-	H,V	C,E,W,L	S,R	S,B	A,LVDS,8	P,H,C,L	1	50	44.0x44.0x76.4	C	No delay shutter, internal LUT
TM-1020-15CL	P	NS	1	1008x1018	20.00	15	-	H,V	C,E,W,L	CL	S,B	A,CL,8	P,H,C,CL	1	50	44.0x44.0x76.4	C	No delay shutter, internal LUT
TM-2016-8	P	NS	1	1920x1080	20.00	8	16	H,V	C,E,W,L	S,R	S,B,P	A,LVDS,8	P,H,C,L	1	50	44.0x44.0x76.4	C	Internal LUT, framerate selectable
TM-2016-8CL	P	NS	1	1920x1080	20.00	8	16	H,V	C,E,W,L	CL	S,B,P	A,CL,8	P,H,C,CL	1	50	44.0x44.0x76.4	C	Internal LUT, framerate selectable
TM-4000CL	P	NS	1.2	2048x2048	40.00	15	60	H,V	C,E,W,L	CL	D,B,P	A,CL,8	P,H,C,CL	1	50	50.8x50.8x83.5	C	Dual tap, Internal LUT, framerate select.

For detailed specifications please refer to the camera datasheet and operation manual.

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