


















**It's no trick...
it's a vision system**

Models Specs	High Performance Smart Cameras							Line Scan	VisiCube
									
	VC4018	VC4016	VC4038	VC4058	VC4065	VC4066	VC4068	VC4002L	
Sensor	1/3" CCD Also available as colour version	1/3" CCD Also available as colour version	1/3" CCD	1/3" CCD	1/2" CCD	1/3" CCD	1/2" CCD	14 mm CMOS	1/4" CCD
Resolution/ Pixels	640x480	1024x768	640x480	640x480	768x582	1024x768	1280x1024	2048x1	640x480
fps (binning)/ Line frequency	32	16	63 (126)	242 (484)	55 (110)	20 (40)	14 (28)	max.11kHz	32
Shutter	36.2µsec – 2sec	46.7µsec – 2sec	5µsec – 20sec	5µsec – 20sec	5µsec – 20sec	5µsec – 20sec	5µsec – 20sec	91µsec	36.2µsec – 2sec
Processor	TI 400MHz	TI 400MHz	TI 400MHz	TI 400MHz	TI 400MHz	TI 400MHz	TI 400MHz	TI 400MHz	TI 400MHz
Computational power	3200 MIPS	3200 MIPS	3200MIPS	3200MIPS	3200MIPS	3200MIPS	3200MIPS	3200 MIPS	3200MIPS
Digital I/O's	4 inputs, 4 outputs	4 inputs, 4 outputs	4 inputs, 4 outputs	4 inputs, 4 outputs	4 inputs, 4 outputs	4 inputs, 4 outputs	4 inputs, 4 outputs	4 inputs, 4 outputs	2 inputs, 4 outputs
Interface	RS232 AND 100 Mbit Ethernet	RS232 AND 100 Mbit Ethernet	RS232 AND 100 Mbit Ethernet	RS232 AND 100 Mbit Ethernet	RS232 AND 100 Mbit Ethernet	RS232 AND 100 Mbit Ethernet	RS232 AND 100 Mbit Ethernet	RS232 AND 100 Mbit Ethernet	RS422 AND 100 Mbit Ethernet
Incremental encoder input	NO	NO	YES	YES	YES	YES	YES	NO	NO
Video Ausgabe	via Ethernet	via Ethernet	SVGA	SVGA	SVGA	SXGA	SXGA	via Ethernet	via Ethernet

(No liability is assumed for possible errors)

Ettlingen, May 2007

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Models Specs	1 GHz High Performance Smart Cameras					VCSBC family		
	 NEU! VC4458	 1GHz VC4465	 1GHz VC4466	 1GHz VC4468	 NEU! VC4472	 VCSBC4018	 VCSBC4016	 VCSBC50
Sensor	1/3" CCD	1/2" CCD	1/3" CCD	1/2" CCD	1/1.8" CCD	1/3" CCD Also available as colour version	1/3" CCD Also available as colour version	1/4" CCD color
Resolution/ Pixels	640x480	768x582	1024x768	1280x1024	1600x1200	640x480	1024x768	640x480
fps (binning)/ Line frequency	242 (484)	55 (110)	20 (40)	14 (28)	10 (20)	32	16	25 (100)
Shutter	5µsec – 20sec	5µsec – 20sec	5µsec – 20sec	5µsec – 20sec	20µsec – 20sec	36.2µsec – 2sec	46.7µsec – 2sec	24µsec – 2sec
Processor	TI 1GHz	TI 1GHz	TI 1 GHz	TI 1GHz	TI 1GHz	TI 400MHz	TI 400MHz	75 MHz
Computational power	8000 MIPS	8000 MIPS	8000 MIPS	8000 MIPS	8000 MIPS	3200 MIPS	3200 MIPS	375 MIPS
Digital I/O's	4 inputs, 4 outputs	4 inputs, 4 outputs	4 inputs, 4 outputs	4 inputs, 4 outputs	4 inputs, 4 outputs	2 inputs, 4 outputs, 8 additional TTL I/O's	2 inputs, 4 outputs, 8 additional TTL I/O's	2 inputs, 4 outputs, 12 additional TTL outs
Interface	RS232 AND 100 Mbit Ethernet	RS232 AND 100 Mbit Ethernet	RS232 AND 100 Mbit Ethernet	RS232 AND 100 Mbit Ethernet	RS232 AND 100 Mbit Ethernet	100 Mbit Ethernet	100 Mbit Ethernet	RS232
Incremental encoder input	YES	YES	YES	YES	YES	NO	NO	NO
Video Output	SVGA	SVGA	SXGA	SXGA	SXGA	via Ethernet	via Ethernet	-

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