

















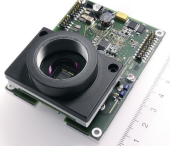
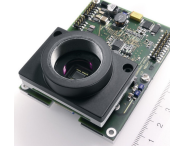


**It's no trick...  
it's a vision system**

Models Specs	VC40xx Family									NEW! Line Scan	Vision Sensor
											
	<b>VC4018</b>	<b>VC4018C</b>	<b>VC4016</b>	<b>VC4016C</b>	<b>VC4038</b>	<b>VC4058</b>	<b>VC4065</b>	<b>VC4066</b>	<b>VC4068</b>	<b>VC4002L</b>	<b>VCM50</b>
Sensor	1/3" CCD	1/3" CCD Color	1/3" CCD	1/3" CCD Color	1/3" CCD	1/3" CCD	1/2" CCD	1/3" CCD	1/2" CCD	14 mm CMOS	1/4" CCD
Resolution/ Pixels	640x480	640x480	1024x768	1024x768	640x480	640x480	782x582	1024x768	1280x1024	2048x1	640x480
fps (binning)/ Line frequency	32	32	16	16	63 (126)	242 (484)	55 (110)	20 (40)	14 (28)	max.11kHz	25 (100)
Shutter	36.2µsec – 2sec	36.2µsec – 2sec	46.7µsec – 2sec	46.7µsec – 2sec	5µsec – 20sec	5µsec – 20sec	5µsec – 20sec	10µsec – 20sec	5µsec – 20sec	91µsec	24µsec – 2sec
Processor	TI 400MHz	TI 400MHz	TI 400MHz	TI 400MHz	TI 400MHz	TI 400MHz	TI 400MHz	TI 400MHz	TI 400MHz	TI 400MHz	75MHz
Computational power	3200 MIPS	3200 MIPS	3200 MIPS	3200 MIPS	3200MIPS	3200MIPS	3200MIPS	3200MIPS	3200MIPS	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	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 <b>AND</b> 100 Mbit Ethernet	RS232 <b>AND</b> 100 Mbit Ethernet	RS232 <b>AND</b> 100 Mbit Ethernet	RS232 <b>AND</b> 100 Mbit Ethernet	RS232 <b>AND</b> 100 Mbit Ethernet	RS232 <b>AND</b> 100 Mbit Ethernet	RS232 <b>AND</b> 100 Mbit Ethernet	RS232 <b>AND</b> 100 Mbit Ethernet	RS232 <b>AND</b> 100 Mbit Ethernet	RS232 <b>AND</b> 100 Mbit Ethernet	RS232
Incremental encoder input	NO	NO	NO	NO	YES	YES	YES	YES	YES	NO	NO
Video output	via Ethernet	via Ethernet	via Ethernet	via Ethernet	SVGA	SVGA	SVGA	SXGA	SXGA	via Ethernet	-

(No liability is assumed for possible errors)

Ettlingen, Januar 2007

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Models Specs	VC44xx Family					Single Board Cameras				
										
	<b>VC4458</b>	<b>VC4465</b>	<b>VC4466</b>	<b>VC4468</b>	<b>VC4472</b>	<b>VCSBC50</b>	<b>VCSBC4018</b>	<b>VCSBC4018C</b>	<b>VCSBC4016</b>	<b>VCSBC4016C</b>
Sensor	1/3" CCD	1/2" CCD	1/3" CCD	1/2" CCD	1 1/8" CCD	1/4" CCD Color	1/3" CCD	1/3" CCD Color	1/3" CCD	1/3" CCD Color
Resolution/ Pixels	640x480	782x582	1024x768	1280x1024	1600x1200	640x480	640x480	640x480	1024x768	1024x768
fps (binning)/ Line frequency	242 (484)	55 (110)	20 (40)	14 (28)	10 (20)	25 (100)	32	32	16	16
Shutter	5µsec – 20sec	5µsec – 20sec	10µsec – 20sec	5µsec – 20sec	20µsec – 20sec	24µsec – 2sec	36.2µsec – 2sec	36.2µsec – 2sec	46.7µsec – 2sec	46.7µsec – 2sec
Processor	TI 1GHz	TI 1GHz	TI 1 GHz	TI 1GHz	TI 1GHz	75 MHz	TI 400MHz	TI 400MHz	TI 400MHz	TI 400MHz
Computational power	8000 MIPS	8000 MIPS	8000 MIPS	8000 MIPS	8000 MIPS	375 MIPS	3200 MIPS	3200 MIPS	3200 MIPS	3200 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, 12 additional TTL outs	2 inputs, 4 outputs, 8 additional TTL I/O's	2 inputs, 4 outputs, 8 additional TTL I/O's	2 inputs, 4 outputs, 8 additional TTL I/O's	2 inputs, 4 outputs, 8 additional TTL I/O's
Interface	RS232 <b>AND</b> 100 Mbit Ethernet	RS232 <b>AND</b> 100 Mbit Ethernet	RS232 <b>AND</b> 100 Mbit Ethernet	RS232 <b>AND</b> 100 Mbit Ethernet	RS232 <b>AND</b> 100 Mbit Ethernet	RS232	100 Mbit Ethernet	100 Mbit Ethernet	100 Mbit Ethernet	100 Mbit Ethernet
Incremental encoder input	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO
Video Output	SVGA	SVGA	SXGA	SXGA	SXGA	-	via Ethernet	via Ethernet	via Ethernet	via Ethernet

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