



# VC2028/VC2048

The fastest intelligent cameras

## The Standard and the High-Speed:

	VC2028	VC2048
<b>Sensor size:</b>	1/3", 640(H) x 480(V) Pixel	1/3", 640(H) x 480(V) Pixel
<b>Shutter:</b>	High-speed: up to 1/33 000 sec in steps of 50 µsec Low-speed: up to 20 sec adjustable integration time	High-speed: up to 1/55 000 sec in steps of 36 µsec Low-speed: up to 20 sec adjustable integration time
<b>Integration:</b>	Full Frame Progressive Scan	
<b>Acquisition:</b>	asynchronous, program-controlled, or triggered externally, full-frame	
<b>Framerate</b>	25fps	<b>110fps</b>
<b>A/D conversion:</b>	1 x 15,625 MHz / 10 Bit	2 x 24 MHz / 10 Bit
<b>Image display:</b>	B&W or pseudocolor from 3x8 bit RGB lookup table	
<b>Processor:</b>	1200 MIPS, 150 MHz Texas Instruments TMS320C6211	
<b>Image/data memory:</b>	16 MBytes SDRAM	
<b>Display memory:</b>	2 MBytes SGRAM	
<b>Flash memory:</b>	2 MBytes flash EPROM (non volatile memory) for programs and data, programmable in the system	
<b>Multimedia card:</b>	-	16, 32, or 64 MByte Flash Memory
<b>Interface:</b>	4 inputs / 4 outputs optically decoupled 24V, outputs 4 x 400mA	
<b>Serial:</b>	V24 (RS232), 115200 Baud max.	
<b>Ethernet:</b>	-	100 MBit TCP/IP
<b>Video output:</b>	SVGA monitor 800x600	
<b>Supply voltage:</b>	24V +/-20% DC, max. 300 mA	
<b>Electrical connections:</b>	I/O (DC IN, PLC, 12-pin), V24 (6-pin), Trig (Trigger/keypad, 6-pin), VGA Out (10-pin)	
<b>Dimensions:</b>	100x50x36 mm	

(No liability is assumed for possible errors)



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