

Operator Interfaces for Industry



Allen-Bradley

GE Fanuc

PACIFIC SCIENTIFIC

Bristol Babcock

Compumotor

ANIMATICS
Motion Control

CONTROL MICROSYSTEMS

EMERSON
Motion Control



Koyo
Direct Logic

GALIL

SIXNET

MODBUS
TCP/IP

MODICON
(Schneider Electric)

MITSUBISHI

YASKAWA

OMRON

SIEMENS

idec



CAL Controls, Inc

Gold Series

Panel PCs
Preloaded with Windows® XP Pro



	PC108	PC110A	PC215A	PC217A
Display Size	8.4" SVGA TFT	10.4" SVGA TFT	15" XGA TFT	17" SXGA TFT
Touchscreen	5-wire analog resistive		7-wire analog resistive	
Microprocessor	VIA Eden 733 Mhz		Intel Celeron 2.0 Ghz	
Memory	256MB SDRAM		256MB DDR	
Hard Drive	40GB			
Compact Flash Port	Type II Built-in		Type II IDE Optional	
USB Port	2xUSB1.1		2xUSB2.0	
Ethernet Port	10/100/1000			
Serial Port	2 COM ports		4 COM ports	
Printer Port	DB25 Parallel			
Keyboard/Mouse Port	2 mini DIN			
Audio Port	Line In/Out, Mic			
VGA Port	No		Yes	
Operating System	Microsoft Windows XP Professional			
Power Requirements	24VDC, 60W	100-240VAC, 100W	100-240VAC, 200W	
Dimensions (HxWxD)	7.1" x 9.3" x 3.2" [180x236x80mm]	9.1" x 11.0" x 3.2" [232x280x80mm]	11.8" x 15.7" x 3.9" [300x400x100mm]	13.5" x 17.3" x 4.2" [344x440x107mm]
Certifications	CE, FCC			
Configuration Software	CALview			

Ivory Series

Panel PCs
Preloaded with Windows® CE.net™ 4.2



- Ethernet
- USB ports
- 3 RS232, RS422 or RS485 Serial ports
- Built-in CompactFlash™ port
- EIDE port (12" model) for attaching flash drives
- Fanless, low-power operation
- Use with any Windows® CE.net™ 4.2-compatible HMI software



	HMI606T	HMI608T	HMI612T
Display Type	5.6" TFT, 65536 color	8" TFT, 65536 color	12.1" TFT, 65536 color
Display Brightness	500 cd/m ²	400 cd/m ²	250 cd/m ²
Display Resolution	320x234	640x480	800x600
Touchscreen	4-wire analog resistive		
CPU Type	Cirrus Logic EP9315 200Mhz 32 bit RISC-processor with built-in graphics accelerator		
Memory	32 Mb Flash and 64 Mb DRAM built-in		
Communication Ports	3 Serial Ports - Com1: RS232/RS485, Com2: RS232, Com3: RS232/RS485 2w		
Ethernet	10/100Base-T		
USB Host Ports	2 USB 2.0 (12 Mbps)	3 USB 2.0 (12 Mbps)	
Audio Port	Line Out		Line Out, Mic In
Real Time Clock	Built-in		
Dimensions (WxHxD)	8.0"x5.9"x1.9" [204x150x48mm]	9.1"x6.9"x2.2" [231x176x55mm]	12.7"x9.6"x2.0" [322x243x51mm]
Configuration Software	CALview		

Silver Series

Graphic OITs



- Animations and moving shape
- Recipes and real-time clock
- Simulation mode, on and off line
- Place unlimited objects anywhere
- Easily programmed using EZware-500 software
- Importing of bitmaps
- Stackable objects
- Pop-up windows
- Multi-language feature

	HMI520M	HMI520T	HMI520TE	HMI530T	HMI530TE	HMI550H	HMI550HE
	Classic	Classic	Enhanced	Classic	Enhanced	Classic	Enhanced
Display Type	5.7" STN, 4 color blue	5.6" TFT, 256 color		7.7" TFT, 256 color		10.4" TFT, 256 color	
Display Size (WxH)	4.5" x 3.5" [114 x 89 mm]	4.5" x 3.5" [114 x 89 mm]		6.1" x 4.6" [155 x 117 mm]		8.5" x 6.0" [216 x 152 mm]	
Display Brightness	60 cd/m ²	500 cd/m ²		400 cd/m ²		400 cd/m ²	
Display Contrast	15:1	150:1		250:1		300:1	
Display Resolution	320x240 pixels	320x234 pixels		640x480 pixels		640x480 pixels	
User Memory	1 M Bytes	1M Bytes	2M Bytes	2M Bytes	4M Bytes	2M Bytes	4M Bytes
Ethernet Port (10 Base-T)	No	No	Yes	No	Yes	No	Yes
Compact Flash Slot	No	No	Yes	No	Yes	No	Yes
Printer Port	No	No		Yes		Yes	
Dimensions (WxHxD)	8.0"x5.9"x1.9" [204x150x48mm]	8.0"x5.9"x1.9" [204x150x48mm]		9.1"x6.9"x2.2" [231x176x55mm]		12.4"x9.4"x2.4" [315x238x62mm]	

Blue Series



Low Priced Graphic OITs

- 3" Graphic LCD display
- Display resolution 128 x 64 pixels
- RS-232 or RS-485 communications
- User-definable function keys
- Display text (TrueType® fonts) or graphics
- Realtime clock
- Audible and tactile feedback
- Bar graphs and meters
- For tight spaces – only 5.75" x 3.75"
- Our lowest priced OIT
- Easily programmed using BlueLeaf software

For More Information Contact Our Application Support Team at

800-447-6690

or

sales@cal-controls.com

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INDUSTRIAL CONTROLS

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PMA **West brand**