



VISION APPLIANCE SELECTOR CHART



	VA15	VA20	VA21	VA30	VA31	VA40	VA41	VA50	VA51	VA61
Processing Scale ¹	0.7X	1X	1X	2X	2X	4X	8X	4X	8X	8X
Program Memory (MB)	128	256	256	512	512	256	1024	256	1024	1024
Storage Memory	64 MB	128 MB	2 GB	128 MB	4 GB	80 GB	80 GB	80 GB	80 GB	80 GB
Network (Mbps)	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100	10/100/1000	10/100	10/100/1000	10/100/1000
Serial (RS232)	1	1	1	1	1	1	1	1	1	1
USB	2 (1.1)	2 (1.1)	2 (1.1)	2 (2.0)	2 (2.0)	2 (1.1)	2 (2.0)	2 (1.1)	2 (2.0)	2 (2.0)
Application Setup	Remote	Remote	Local/ Remote	Remote	Local/ Remote	Local/ Remote	Local/ Remote	Local	Local	Local/ Remote
Application Software	iNspect Lite	iNspect	iNspect, Sherlock 7	iNspect	iNspect, Sherlock 7	iNspect, Sherlock 7	iNspect, Sherlock 7	Sherlock 7	Sherlock 7	iNspect, Sherlock 7
Color Support	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Max # Sensors	1	2	2	2	2	4	6	2	2	2 Expandable
Sensor Interface	Analog	Analog	Analog	Analog	Analog	3xAnalog, 1xIEEE 1394	3xAnalog, 3xIEEE 1394	2xCameraLink	2xCameraLink	GigE
Sensor Format	Area	Area	Area	Area	Area	Area	Area	Area/Line	Area/Line	Area/Line
Sensor Resolution (min)	640x480	640x480	640x480	640x480	640x480	640x480	640x480	1024	1024	640x480/1024
Sensor Resolution (max)	640x480	1024x768	1024x768	1375x1135	1375x1135	user defined	user defined	user defined	user defined	1600x1200/2048
Sensor Speed (max)	60f/s	60f/s	60f/s	60f/s	60f/s	60f/s ²	60f/s ²	user defined	user defined	60f/s
I/O Access	Direct	Direct	Direct	Direct	Direct	Breakout	Breakout	Breakout	Breakout	Breakout
I/O Type	24V Opto	24V Opto	24V Opto	24V Opto	24V Opto	24V	24V	24V Opto	24V Opto	24V
# Inputs	10 configurable	10 configurable	10 configurable	10 configurable	10 configurable	8 configurable	8 configurable	12 configurable	12 configurable	8 configurable
# Outputs	8 configurable	8 configurable	8 configurable	8 configurable	8 configurable	8 configurable	8 configurable	8 configurable	8 configurable	8 configurable
LED Indicators	26	26	26	26	26	7	7	7	9	7
Power	24V @ 1A	24V @ 1A	24V @ 1A	24V @ 1A	24V @ 1A	24V @ 2.5A	24V @ 2.5A	24V @ 2.5A	24V @ 2.5A	24V @ 2.5A
Dimensions (cm)	9.5x16x5	9.5x16x5	9.5x16x5	9.5x16x5	9.5x16x5	7.6x20x21.5	7.6x20x21.5	7.6x20x21.5	7.6x20x21.5	7.6x20x21.5

Notes: ¹ This is a relative measure. It is a function of raw processor speed, memory access speed, cache size and display memory.

² Faster frame rates are possible with some cameras.

IPD Headquarters • 700 Technology Park Drive • Billerica, MA • 01821
Email: info@goipd.com • Tel: +1 978.670.2002 • Fax: +1 978.670.2010

Copyright © 2008 DALSA. All rights reserved.