

IMPACT™ Intelligent Cameras



IMPACT™ A

The Power of a Vision System in a Vision Sensor Footprint








IMPACT™	Pixel Resolution	Imager Type	Imager Size	Frames/Second	Color	Remote Head
A20	752 x 480	CMOS	1/3 inch	69	-	-



IMPACT™ T

Industry's Best General Purpose Intelligent Cameras

Available in Right Angle and In Line Models








IMPACT™	T30*	T31	T33*	T34*	T35*	T37*	T38*
							
Pixel Resolution	640 x 480	640 x 480	640 x 480	1024 x 768	1024 x 768	1600 x 1200	1600 x 1200
Imager Type	CCD	CCD	CCD	CCD	CCD	CCD	CCD
Imager Size	1/3 inch	1/3 inch	1/3 inch	1/3 inch	1/3 inch	1/1.8 inch	1/1.8 inch
Frames/Second	60	60	60	16	16	12	12
Color	-	-	Yes	Yes	-	-	Yes
Right Angle Available	Yes	-	Yes	Yes	Yes	Yes	Yes
Remote Head	-	Yes	-	-	-	-	-



IMPACT™ C

Industry's Best High Performance Intelligent Cameras

*Add "-RA" for Right Angle models

IMPACT™	5200	5300	5700	7200	7300	9200	9300
							
Pixel Resolution	640 x 480	640 x 480	640 x 480	1024 x 768	1024 x 768	1600 x 1200	1600 x 1200
Imager Type	CCD	CCD	CCD	CCD	CCD	CCD	CCD
Imager Size	1/3 inch	1/3 inch	1/3 inch	1/3 inch	1/3 inch	1/1.8 inch	1/1.8 inch
Frames/Second	60	60	60	16	16	12	12
Color	-	Yes	-	-	Yes	-	Yes
Remote Head	-	-	Yes	-	-	-	-

IMPACT™ Intelligent Cameras



IMPACT™ A



IMPACT™ T



IMPACT™ C

Processor Speed	Fast	Faster		Fastest
Number of Models	1	7		7
Image Resolution Available	752 x 480	640 x 480, 1024 x 768 1600 x 1200		640 x 480, 1024 x 768 1600 x 1200
Number of Color Models	-	3		3
Imager Interface	On-Board	On-Board		DSL (Digital) / CameraLink
On-Board Image Buffering	Up to 60 images ¹	Up to 60 images ¹		Up to 60 images ¹
Program Storage	512MB Flash	512MB Flash		256MB Flash
Software Application	VPM, CPM	VPM, CPM		VPM, CPM
PC Emulator Support	Yes	Yes		Yes
Imager Types	CMOS	CCD		CCD
Shutter Mode	Global	Global		Global
Strobe Output	1	1		3
On-Board Optically Isolated I/O	3 In / 5 Out	3 In / 4 Out		7 In / 11 Out
I/O Wiring	PNP / NPN	PNP / NPN		PNP / NPN
Supports I/O Expansion	Yes	Yes		Yes
On-Board Serial Port	Yes	Yes		Yes
Ethernet Connection	Yes	Yes		Yes
Communication Protocols	Serial, TCP/IP, HTTP ActiveX, Ethernet/IP, Modbus	Serial, TCP/IP, HTTP ActiveX, Ethernet/IP, Modbus		Serial, TCP/IP, HTTP ActiveX, Ethernet/IP, Modbus
Power Requirements	24VDC@0.5A	24VDC@0.5A		24VDC@2A
Dimensions	5.5 x 2.68 x 0.94 in (140 x 68 x 24 mm)	(In-line Model)	(Right-angle Model)	7.99 x 6.75 x 2.75 in (203 x 172 x 70 mm)
		5.43 x 2.5 x 1.75 in (138 x 63 x 45 mm)	5.0 x 3.0 x 2.54 in 127 x 76 x 66 mm	
Weight	0.96 lb (0.44 kg)	0.85 lb (0.37 kg)	1.35 lb (0.62 kg)	3.5 lb (1.59 kg)
Operating Temperature	0° to 50° C	-5° to 45° C		-5° to 45° C

¹Calculation based on 640 x 480 images