













	1D Corded / 1D Cordless			2D Corded / 2D Cordless		
<b>Models</b>	<b>Intermec SG20T1D / SG20B1D</b> 	<b>Motorola LS2208 / LS4278</b> 	<b>Honeywell 3800g / 3820g</b> 	<b>Intermec SG20THP / SG20BHP</b> 	<b>Motorola DS6708 / DS6878</b> 	<b>Honeywell Xenon 1900 / 1902</b> 
<b>Target Applications</b>	<ul style="list-style-type: none"> <li>• Tabletop scanning across all verticals</li> <li>• Retail in-store shelf Inventory, price audit and point-of-sale</li> <li>• Document tracking (office, library, banking, invoicing, insurance, postal service)</li> <li>• Access control (airport ticketing, exhibitions)</li> <li>• Light manufacturing (electronic assembly, work-in-progress)</li> </ul>			<ul style="list-style-type: none"> <li>• Tabletop scanning across all verticals</li> <li>• Retail in-store shelf Inventory, price audit and point-of-sale</li> <li>• Document tracking (office, library, banking, invoicing, insurance, postal service)</li> <li>• Access control (airport ticketing, exhibitions)</li> <li>• Light manufacturing (electronic assembly, work-in-progress)</li> <li>• Healthcare disinfectant resistant housing for hospital, patient safety applications</li> </ul>		
<b>Distinctive Features of the SG20</b>	<ul style="list-style-type: none"> <li>• Features dependable imager technology</li> <li>• Unique, ergonomic styling maximizes comfort and saves countertop space</li> <li>• Large LED indicator provides effective visual operational feedback</li> <li>• Wide range of multi-purpose accessories increase scanner flexibility</li> <li>• Integrates seamlessly with point of sale systems, personal computers, and common software solutions</li> </ul>			<ul style="list-style-type: none"> <li>• Features Intermec's EA30 high performance 2D imager technology for best-in-class motion tolerance and omni-directional scanning</li> <li>• Unique, ergonomic styling maximizes comfort and saves countertop space</li> <li>• Large LED indicator provides effective visual operational feedback</li> <li>• Wide range of multi-purpose accessories increase scanner flexibility</li> <li>• Integrates seamlessly with point of sale systems, personal computers, and common software solutions</li> </ul>		
<b>Technology</b>	EV Series Linear Imager	Single Line Laser	Linear Imager	EA30 High Performance 2D Imager	SE4500	2D Imager
<b>Aimer Technology</b>	LED	Laser	LED	Laser	Laser	LED
<b>Aimer Pattern</b>						
<b>Omni-directional ease of use</b>	Linear only	Linear only	Linear only	Yes, rapid omni-directional	Y	Y
<b>Scans 1D Bar Codes</b>	Y	Y	Y	Y	Y	Y
<b>Scans PDF417</b>	N	N	N	Y	Y	Y
<b>Scans 2D Bar Codes</b>	N	N	N	Y	Y	Y
<b>User Feedback</b>	Beeper and user-selectable multi-color LED	Beeper and LED	Beeper and LED	Beeper and LED	Beeper and LED	Beeper and LED
<b>Connectivity</b>	Corded or cordless (same ergonomic look and feel)	Different lines	Different lines	Cordless	Cordless	Cordless
<b>Interfaces Supported</b>	USB, KBW, RS232	USB, KBW, RS232, IBM 468x	USB, KBW, RS232, IBM 468x	USB, KBW, RS232	USB, KBW, RS232, IBM 468x	USB, KBW, RS232, IBM 468x
<b>Cordless Technology</b>	Bluetooth Class 2 v2.1 + EDR, 10 m (33 ft) with adaptive frequency hopping	Bluetooth Class 2, 10 m (33 ft)	Bluetooth Class 2 v2.0, 10 m (33 ft)	Bluetooth Class 2 v2.1 + EDR, 10 m (33 ft) with adaptive frequency hopping	Bluetooth Class 1 v2.1, 100 m (300 ft)	Bluetooth Class 2 v2.1, 10 m (33 ft)
<b>Cordless Battery</b>	1567 mAh Li-ion	720 mAh NiMH	1800 mAh Li-ion	1567 mAh Li-ion	720 mAh NiMH	1800 mAh Li-ion
<b>Motion / Orientation Tolerance Tolerance</b>	Good	Good	Good	Best in class	Good	Good
<b>Reading Range (Varies According to Size and Symbology)</b>						
<b>UPC/EAN (13 mil)</b>	3 cm (1.18 in) to 26 cm (10.24 in)	Contact to 43 cm (17in)	1.3 cm (0.5 in) to 45.7 cm (18 in)	3 cm (1.18 in) to 26 cm (10.24 in)	1.3 cm (0.5 in) to 24.6 cm (9.7 in)	1.0 cm (0.4 in) to 43.9 cm (17.3 in)
<b>Code 39 (20 mil)</b>	3 cm (1.18 in) to 32 cm (12.6 in)	Contact to 58.5 cm (23in)	2.5 cm (1 in) to 66 cm (26 in)	6 cm (2.36 in) to 13 cm (5.12 in)	1.3 cm (0.5 in) to 38.6 cm (15.2 in)	1.2 cm (0.5 in) to 58.4 cm (23 in)
<b>DataMatrix (10 mil)</b>	NA	NA	NA	3 cm (1.18 in) to 19 cm (7.48 in)	2.8 cm (1.1 in) to 19.1 cm (7.5 in)	1.2 cm (0.5 in) to 19.0 cm (7.5 in)
<b>PDF417 (10 mil)</b>	NA	NA	NA	3 cm (1.18 in) to 25 cm (9.84 in)	2.3 cm (0.9 in) to 17.8 cm (7 in)	N/A
<b>Warranty</b>	Tethered: 5 years Wireless: 3 years	Tethered: 5 years Wireless: 3 years	Tethered: 5 years Wireless: 3 years	Tethered: 5 years Wireless: 3 years	Tethered: 5 years Wireless: 3 years	Tethered: 5 years Wireless: 3 years
<b>Drop Specification</b>	1.2 m (4 ft)	1.5 m (5 ft)	1.5 m (5 ft)	1.2 m (4 ft)	1.8 m (6 ft)	1.8 m (6 ft)
<b>Ambient light</b>	Immune to direct sunlight and normal indoor lighting (0 to 100,000 lux)	Immune to direct sunlight and normal indoor lighting	Immune to direct sunlight and normal indoor lighting (0 to 70,000 lux)	Immune to direct sunlight and normal indoor lighting (0 to 100,000 lux)	Immune to direct sunlight and normal indoor lighting	Immune to direct sunlight and normal indoor lighting (0 to 100,000 lux)