








COMPETITIVE ANALYSIS

3820i Cordless Industrial Linear Imager

The 3820i Industrial Cordless Linear Imager is designed to provide high-performance linear barcode scanning for applications that demand maximum reliability in the harshest working environments.

FEATURES AND BENEFITS COMPARISONS

	 Honeywell 3820i	 Motorola LS3478-FZ & LS3578-FZ	 Datalogic PowerScan M8300	 Datalogic PowerScan 7000BT SRI	 Datalogic PowerScan RF	 Datalogic Dragon	 Intermec SR61
Data Collection Technology	Adaptus® Imaging Technology Linear Imager	Laser	Laser	Laser	Laser	Laser	3 Options: >Laser engine >Linear imager >Extended range area imager
Reliability Drop Specification	50 drops from 6.5' (2m) to concrete	Repeated 6.5' (2m) drops to concrete	50 drops from 6.5' (2m) to concrete	50 drops from 6.5' (2m) to concrete	Multiple drops from 6' (1.8m) to concrete	Repeated drops from 6' (1.8m) to concrete	26 drops onto concrete or steel from 6.5' (2m)
IP Rating	IP54	IP65	IP65 (w/out display) IP64 (with display)	IP65	IP54	IP64	IP54
Operating Temperature Range	14° to 122°F (-10° to 50°C)	-4° to 122°F (-20° to 50°C)	-4 to 122°F (-20° to 50°C)	-4° to 122°F (-20° to 50°C)	14° to 122°F (-10° to 50°C)	-4° to 122°F (-20° to 50°C)	-4° to 122°F (-20° to 50°C)
Warranty	3 years	3 years	3 years	3 years	3 years	2 years	N/A
Ergonomics Weight	9.6 oz (272 g)	14.6 oz. (414 g)	13.9 oz. (395 g)	13.5 oz (383 gm)	12.7 oz. (360 g)	13.9 oz. (395 g)	16 oz (426 g)
Dimensions (Height x Width x Depth)	6.2 x 3.2 x 4.0" (15.7 x 8.1 x 10.1 cm)	7.3 x 4.8 x 2.9" (18.7 x 12.3 x 7.4 cm)	_____	8 x 3 x 4.5" (20.3 x 7.6 x 11.5 cm)	9.4 x 4.0 x 2.8" (23.9 x 10.2 x 7.1 cm)	7.3 x 4.5 x 4.09" (18.5 x 11.5 x 10.4 cm)	7 x 2.8 x 4.5" (17.8 x 7 x 11.4 cm)
Wireless Technology Frequency	Bluetooth 2.4GHz Class 2	Proprietary LS3478 = 2.4 GHz LS3578 = 2.4GHz BT Class 2	Proprietary Datalogic Star 900 MHz / 433 MHz	Proprietary 2.4GHz Class 1	Proprietary 902-928 MHz / 433.05-434.79 MHz	Proprietary Datalogic Star 900 MHz / 433 MHz	Proprietary 2.4GHz Class 2
Communication Range	33' (10m)	LS3578 = 150' (46m)	Up to 164' (50m) @ 422.92 MHz Up to 99' (30m) @ 910 MHz"	330' (100m)	150' (46m)	Up to 164' (50m) @ 422.92 MHz Up to 99' (30m) @ 910 MHz"	100' (10 m)
Battery & Power Management Scans per full charge	50,000	50,000	60,000	N/A	6,000	60,000	N/A
Battery Technology	Lithium Ion	Lithium Ion	Lithium Ion	Lithium Ion	NIMH	Lithium Ion	Lithium Ion
Tool-Free Battery Access	Yes	No	Yes	Yes	Yes	No	Yes
External Battery Charging	Yes	No	Yes	Yes	Yes	Yes	Yes

All product specifications contained in this document were taken directly from official product documentation. This information is subject to change without notice.