

|   |     | Casio   | Joya Touch  | Honeywell   |   |   | Intermec  |   |   |
|---|-----|---|---|---|---|---|---|---|---|
|   |     | DT-X30  |   | CT50  | 99EX  | 99GX  | CK3R  | CK3X  | CK71  |
| <i>*Could be used in Rugged Device Category</i> |     |  |  |  |  |  |  |  |  |
| Operating System                                |     | Windows® CE 6.0 R2 Windows® Mobile 6.1  | Windows® Embedded Compact 7 Pro   | Windows Embedded 8.1 Handheld, 10.0 Android 4.2, 4.4.4 KitKat, 6.0                | Windows® Embedded Handheld 6.5 Professional and Classic                             | Windows® Embedded Handheld 6.5 Professional and Classic                             | Windows® 6.5.3  | Windows® 6.5.3  | Windows® Embedded Handheld 6.5  |
| Processor                                       |     | Marvell® Xscale PXA320  | XScale™ PXA310 @ 806 MHz  | 2.26GHz Qualcomm Snapdragon 801 quad  | OMAP3715 1.0GHz   | Texas Instruments® OMAP3715 1.0GHz  | Texas Instruments 1GHz multi-engine   | Texas Instruments 1GHz multi-engine   | OMAP 3530, 600 MHz  |
| Memory  | RAM | 128MB   | 512 MB  | 2 GB  | 256MB   | 1GB discrete NAND flash x 256 MB RAM  | 256MB   | 256MB   | 512MB   |
|   | ROM | 128MB   | 1 GB Flash (Joya Plus)  | 16 GB eMMC NAND Flash   | 1GB   |   | 512MB   | 1GB   | 1GB   |
| SD Slot   |     | Micro SDHC  | N/A   | Micro SD  | Micro   | Micro SDHC  | SD up to 32 GB  | SD up to 32 GB  | Micro   |
| Drop Spec                                       |     | 1.8m  | 1.2m  | 5ft   | 6ft   | 1m  | 5ft   | 5ft   | 6ft   |
| Ingress Protection                              |     | IP67  | N/A   | IP67  | IP67  | IP64  | IP54  | IP54  | IP67  |
| WLAN  |     | IEEE802.11b/g   | 802.11 a/b/g/n  | 802.11 a/b/g/n/ac   | 802.11 a/b/g/n  | 802.11a/b/g/n   | 802.11 b/g/n  | 802.11 a/b/g/n  | 802.11 a/b/g/n  |
| PAN   |     |   | BTv4.0  | BT V4.0   | BT v2.1 +EDR  | BT v2.1   | BT v2.1 +EDR  | BT v2.1 +EDR  | BT v2.1 + EDR   |
| WWAN  |     | CSD, GPRS, EDGE, EGPRS  | N/A   | GSM/GPRS/EDGE   | HSPA+ - 3.75G   | HSPA+/UMTS, GSM/GPRS/EDGE   | None  | None  | None  |
| GPS   |     | Yes   | N/A   | Yes   | Yes   |   | None  | None  | None  |
| Phone   |     |   | No  |   | Yes   |   | None  | None  | None  |
| Imager  |     | 1D, 2D Stacked, 2D Matrix   | 1D, 2D, Postal, Stacked   | 1D, 2D  | 2D Imager (SR/LR)   | N5600/5603 SR, ER, & HD with high-visibility laser or green LED aimer.              | 1D Imager<br>2D Imager<br>Near/Far Imager   | 1D Imager<br>2D Imager<br>Near/Far Imager   | 1D Imager<br>2D Imager<br>Near/Far Imager   |
| Camera  |     | 2.0MP with LED  | None  | 8MP   | 3.1MP   | None  | None  | None  | 5MP   |
| Keypads   |     | Numeric, Alphanumeric   | Touchscreen   | Side Scan triggers, Volume up / down, Camera, Power                               | Numeric, ALPHA Numeric or Phone Numeric   | 55-key alphanumeric, 43-key alpha shifted numeric, 34-key numeric shifted alpha     | Numeric or Alpha  | Numeric or Alpha  | Numeric or ALPHA Numeric  |
| Batteries                                       |     | Standard – Li-ion 2,000mA   | Li-Ion; 3.7v; 3,000 mAh   | Li-Ion, 3.6V, 3950mAh   | 3060mAh - STD<br>5000mAh - EXT  | Standard – Li-ion, 3.7V, 3060mAh  | 3.7V, 2,000 mAh   | 3.7V, 5,100 mAh   | 5,200 mAh   |
| Dimensions (mm)                                 |     | 87x242x46   | Handheld: 145 x 767 x 338<br>Pistol-Grip: 145 x 767 x 116                         | 160 x 82.5 x 19   | 69 x 215 x 39 - STD<br>69 x 215 x 45 - EXT  | 215x69x39   | 21.6 x 8.3 x 2.8  | 21.6 x 8.3 x 2.8  | 80 x 237 x 50   |
| Weight  |     | 550g  | Handheld: 275.0 g. Pistol-Grip: 305.0 g   | 342g  | 520g-570g   | 621g  | 401 g   | 401 g   | 584g  |
| Display   |     | 3.5" TFT  | 4.3" TFT LCD  | 4.66" TFT   | 3.7" VGA  | 3.7" VGA  | 3.5 in QVGA   | 3.5 in QVGA   | 3.5" VGA  |
| RFID  |     |   | None  |   | None  |   |   |   | None  |
| Notes   |     |   | Pistol Grip available, SoftSpot and Contactless Charging.                         |   |   |   |   |   | VERDEX; eMDI), Intermec Client Pack (Terminal Emulator/ Browser)                    |

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in Rugged Device  
Category

|                    |     | Janam   |  |   |   | Opticon   |   |
|--------------------|-----|---|--|---|---|---|---|
|                    |     | XT2   | XG3  | XG3-ER  | UL10  | H32   | OPL-9815  |
|                    |     |  |   |  |  |  |  |
| Operating System   |     | Android 5.x Lollipop or Windows 10  | Android™ or Windows® Embedded Handheld   | Android™ or Windows® Embedded Handheld  | Windows CE 6.0  | Windows Embedded Compact 7  | Proprietary   |
| Processor          |     | Quad-core Qualcomm MSM8916 CPU @1.2GHz  | ARM Cortex-A8 CPU @1GHz  | ARM Cortex-A8 CPU @1GHz   | 833 MHz (Cortex-A8)   | AM3354 ARM Cortex A8, 800 MHz   | RX62n 32-bit  |
| Memory             | RAM | 1GB or 8GB (WLAN)   | 512MB  | 512MB   | 256 MB  | 256 MB  | 512 kB  |
|                    | ROM | 2GB/16GB (WWAN)   | 1GB  | 1GB   | 1 GB  | 256 MB  | FLASHROM: 1MB   |
| SD Slot            |     | USB 2.0   | MicroSD  | MicroSD   | Micro SD  | MicroSDHC   |   |
| Drop Spec          |     | 5 ft  | 6ft  | 6ft   | 6.5ft   | 5ft   | 5ft   |
| Ingress Protection |     | IP67  | IP65   | IP65  | IP65  | IP 54   | IP54  |
| WLAN               |     | 802.11a/b/g/n   | 802.11a/b/g/n  | 802.11a/b/g/n   | IEEE 802.11 a/b/g   | 802.11 a/b/g/n  |   |
| PAN                |     |   | BT v2.1 + EDR  | BT v2.1 + EDR   | v2.0 with EDR   | BT v2.1 + EDR   | BT v2.1, class 2, SPP & HID   |
| WWAN               |     | EDGE/GPRS/GSM; WCDMA; LTE   | Authentication: EAP (TLS, PEAP-MSCHAPv2, PEAP-GTC, PEAP-TLS, TTLS, EAP-FAST, LEAP) | EAP (TLS, PEAP-MSCHAPv2, PEAP-GTC, PEAP-TLS, TTLS, EAP-FAST, LEAP)                |   |   |   |
| GPS                |     | Qualcomm® IZat™   | N/A  | N/A   | No  | No  | NMEA 0183, Sirf Star III, 4.8 kbps  |
| Phone              |     |   |  |   | No  |   |   |
| Imager             |     | 1D, 2D  | 1D/2D Adaptus® Imaging Technology; 752 x 480 pixel CMOS area imager                | 1D, 2D  | 1D/2D Option  | 1D / 2D / Postal  | 1D / 2D / Postal  |
| Camera             |     | 8.0MP rear, 2.0MP front   | N/A  | N/A   | 3MP option  | No  | No  |
| Keypads            |     | Capacitive touch  | 34-Key Numeric; 57-Key Alpha-Numeric   | 34-Key Numeric; 57-Key Alpha-Numeric  | ALPHA Numeric   | 26 keys total, 12 key (alpha)numeric keypad   | 18 keys total, 12 key (alpha)numeric keypad   |
| Batteries          |     | Li-Ion 3000mAh (4000mAh opt.)   | Li-Ion 5200mAh   | Li-Ion 5200mAh  | Li-Polymer 3.7V 4,500mA   | Lit-Ion 3.7V 1800mAh (sold separately)  | Lit-Ion 3.7V 1100mAh  |
| Dimensions (mm)    |     | 155 x 83 x 24   | 188 x 79 x 211   | 188 x 79 x 211  | 73 x 209 x 36.3 mm  | 64 x 143 x 28   | 44 x 140 x 22   |
| Weight             |     | 279g (293g inc MMR)   | 643.5g including battery   | 643.5g including battery  | 623 g   | 195 g   | 115 g   |
| Display            |     | 5.0" HD   | 3.5" Color TFT VG  | 3.5" Color TFT VGA  | 3.5" VGA  | 2.8" Transflective QVGA   | 112 x 64 pixels LCD   |
| RFID               |     | Yes   | FCC Part 15B and 15C, RSS-210, ICES-003  | FCC Part 15B and 15C, RSS-210, ICES-003   | None  | None  |   |
| Notes              |     |   |  |   |   |   |   |

\*Could be used in Rugged Device Category

|                    |     | Zebra   |   |   |   |   |   |   |   |
|--------------------|-----|---|---|---|---|---|---|---|---|
|                    |     | MC2180  | MC32  | MC3300  | MC92  | 7535G2  | NEO   | Omnii XT15  | Omni RT15   |
|                    |     |  |  |    |  |  |  |  |  |
| Operating System   |     | Microsoft® Emb CE 6.0 CORE Rel3   | Windows Compact 7.0 or Android 4.1  | Android 7.0 (Nougat) – AOSP; GMS – select configurations  | Windows Emb Compact 7.0 / Handheld 6.5.3  | Windows CE 5.0  | Windows CE 5.0  | Windows CE 6.0<br>Windows® Embedded Handheld 6.5                                    | Windows CE 6.0<br>Windows® Embedded Handheld 6.5                                    |
| Processor          |     | Marvell PXA 320 624 MHz   | 800 MHz OMAP4 or Dual core 1 GHz OMAP4 (Premium)                                  | Qualcomm 8056 1.8 GHz hexa-core 64 bit  | Dual core 1GHz OMAP 4   | PXA270 @ 624MHz   | PXA270 @ 312MHz<br>PXA270 @ 624MHz  | Texas Instruments® AM3715 Sitara  | Texas Instruments® OMAP3® 800 MHz   |
| Memory             | RAM | 128MB   | 512MB or 1GB (Premium)  | 2GB/16GB Standard   | 512MB / 2GB   | 128MB   | 128MB   | 256MB   | 256MB   |
|                    | ROM | 256MB   | 2GB / 4GB   | 4GB/32GB Premium Plus   | 1GB / 2GB (premium)   | 128MB   | 128MB   | 1 GB Flash  | 1 GB Flash  |
| SD Slot            |     | Micro   | Micro SD  | Micro SD  | 32GB SDHC card slot   | Standard SD   | Micro   | Micro SD  | Micro SD  |
| Drop Spec          |     | 4ft   | 4ft   | 5ft   | 6ft   | 6ft   | 4ft   | 2.0m  | 1.5m  |
| Ingress Protection |     | IP54  | IP54  | IP54  | IP64  | IP65  | IP54  | IP67, IP65, IEC 60529   | IP65, IEC 60529   |
| WLAN               |     | 802.11b/g/n   | 802.11a/b/g/n   | 802.11 a/b/g/n/ac/d/h/i/k/r/w   | 802.11a/b/g/n   | 802.11 a/b/g  | 802.11 b/g  | IEEE 802.11a/b/g/n  | IEEE 802.11a/b/g/n  |
| PAN                |     | BT v2.0 + EDR   | BT v2.1   | BT v4.1, v2.1 + EDR   | BT v2.1 + EDR   | BT v1.2   | BT v2.0 + EDR   | BT v2.0 +EDR  | BT v2.0 +EDR  |
| WWAN               |     |   | None  |   |   | None  | None  | Optional 2.5G GSM/GPRS/EDGE   | Optional SIRF III GPS Receiver  |
| GPS                |     |   | None  |   | No  | None  | None  | Optional  | Optional  |
| Phone              |     |   | None  |   |   | None  |   | None  |   |
| Imager             |     | 1D Linear, 1D Laser, 1D / 2D Area Imager  | 1D / 2D   | 1D / 2D   | 1D / 2D   | 1D Laser / Area Imager  | 1D Laser / 1D Imager / 2D Imager  | 1D, 2D  | 1D, 2D  |
| Camera             |     |   | None  | Rear: 13MP with Flash (Premium + models only)   | None  | None  | None  | Optional 3MP  | Optional 3MP  |
| Keypads            |     | 27-key numeric  | Numeric or ALPHA Numeric  | Numeric; Function Numeric, Alpha numeric  | 28-, 43- and 53   | Numeric or ALPHA Numeric  | Numeric or QWERTY   | 59 Key Full Alpha Numeric 6 Fn keys   | 59 Key Full Alpha Numeric 6 Fn keys   |
| Batteries          |     | 3.7 V, 2400mAh Li-Ion smart battery   | Li-Ion up to 4800 mAh   | Li-Ion: standard 2700 mAh<br>MC3300 Gun/Pistol: Li-Ion: high capacity 5200 mAh  | Li-Ion 2200 mAh   | 1,900 mAh   | 3,300 mAh   | Standard – Li-ion 5,000mA   | Standard – Li-ion 5,000mA   |
| Dimensions (mm)    |     | 171.7 x 34.1 x 60.9   | 190.4 x 81.9 x 45.2mm (Straight)  | Standard : 202.2 x 74.7 x 34.5. MC3300 Turret/Rotating Head: 223.4 x 74.7 x 34.5. MC3300 Gun/Pistol: 202.6 x 74.7 x 163.9 | 23.1 x 9.1 x 19.3   | 102 x 260 x 63  | 64 x 168 x 34   | 95x227x44   | 95x227x44   |
| Weight             |     | 236g  | 365g (straight)   | 375g standard. MC3300 Turret/Rotating Head: 377g<br>MC3300 Gun/Pistol: 505g. MC3300 (45° Scan): 382g                      | 765g  | 710g  | 275g  | 610g  | 610g  |
| Display            |     | 2.8" QVGA, 320 by 240   | 3" (TFT) (320 x 320)  | 4.0" WVGA   | 3.7" VGA  | 3.5" QVGA   | 2.7" QVGA   | 3.7" VGA  | 3.7" VGA  |
| RFID               |     |   | None  |   |   | HF / UHF  | High Frequency  | None  |   |
| Notes              |     |   |   |   |   |   | Ergonomically designed for one hand op.   |   |   |