

Larger, more rugged devices with several options for accessories.

		Honeywell				
		Skorpio™ X4	Dolphin CT50	99EX	Dolphin 70E Black	CN51
						
Operating System		Windows Embedded Compact 7 or Android v4.4	Windows 10 IoT Mobile Enterprise, Android 6.0 Marshmallow	Windows Embedded Handheld 6.5	Windows Embedded Handheld 6.5 Android 4.0	Microsoft Windows Embedded Handheld 6.5 or Android 6.0 Marshmallow
Processor		Ti OMAP4 @ 1GHz	2.26GHz Qualcomm Snapdragon 801 quad	Texas OMAP3715 1.0GHz	1GHz Single Core T1 OMAP	Texas 1.5 GHz OMAP 4470 dual core
Memory	RAM	1 GB	2 GB	512MB	512MB	1GB
	ROM	8 GB Flash	16 GB eMMC NAND Flash	1GB Flash	1GB	16GB Flash
SD Slot		SDHC	Micro SD	Micro	Micro	SD
Drop Spec		6ft	5ft	6ft	4ft	1.5m
Ingress Protection		IP64	IP67	IP67	IP67	IP64
WLAN		802.11a/b/g/n	802.11 a/b/g/n/ac	802.11 a/b/g/n	802.11 a/b/g/n	802.11 a/b/g/n
PAN		BT V4.0 (Android) BT V2.1 +EDR	V4.0	BT v2.1 +EDR	BT v2.1	BT v2.1 + EDR
WWAN			GSM/GPRS/EDGE	HSPA+ - 3.75G	HSPA+ - 3.9G	UMTS / HSPA+
GPS						Integrated
Imager		1D / 2D / Postal / GS1 Composite	1D, 2D	2D Imager (SR/LR)	1D Imager 2D Imager	ScanNGo
Camera			8MP	3.1MP	5MP	Optional
Keypads		28 numeric, 38 functional or 50 Alphanumeric	Side Scan triggers, Volume up / down, Camera, Power	Numeric or ALPHA Numeric or Phone Numeric		(27 Key) Numeric or (43 Key) QWERTY
Batteries		Li-Ion, 3.7V, 3000mAh	Li-Ion, 3.6V, 3950mAh	3060mAh - STD 5000mAh - EXT	1670mAh - STD 3340mAh - EXT	3.7V, 3900 mAh
Dimensions (mm)		193 x 76 x 42	160 x 82.5 x 19	69 x 215 x 39 - STD 69 x 215 x 45 - EXT	73 x 134 x 17.4	164 x 74 x 28
Weight		up to 516g	342g	520g-570g	204g	350 g
Display		3.2" TFT	4.66" TFT	3.7" QVGA	4.3" capacitive touch	10.16 cm
RFID				None	No	
Notes		WEC7 to Android or Android to WEC7 must be performed at Datalogic Service Centre		Gun handle on 99GX	NFC reader	

Larger, more rugged devices with several options for accessories.

		Janam			Juniper	M3
		XG3	XG3-ER	XM70	archer ²	Black
						
Operating System		Android™ or Windows® Embedded Handheld	Android™ or Windows® Embedded Handheld	Android 4.1.2 or Microsoft Windows Mobile 6.5	Windows® Embedded Handheld 6.5.3	AM3715 1 GHz
Processor		ARM Cortex-A8 CPU @1GHz	ARM Cortex-A8 CPU @1GHz	ARM Cortex-A8 CPU @1GHz	1.0GHz ARM Cortex A8 i.MX53 processor	512MB (Up to 1GB)
Memory	RAM	512MB	512MB	1GB SDRAM	512MB	8GB
	ROM	1GB	1GB	4GB NAND	8GB Flash	Micro
SD Slot		MicroSD	MicroSD	Micro SD	USB Micro	6.6ft
Drop Spec		6ft	6ft	4ft	5ft	IP67
Ingress Protection		IP65	IP65	IP54		802.11 a/b/g, b/g/n (optional)
WLAN		802.11a/b/g/n	802.11a/b/g/n	802.11a/b/g/n	802.11b/g/n with extended range	BT v2.0 + EDR
PAN		BT v2.1 + EDR	BT v2.1 + EDR	BT v2.1	BT v2.1 + EDR	GSM / GPRS / EDGE: Quad band - 2G. UMTS / HSPA+: Five band - 3.8G
WWAN		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)	Authentication: EAP or PSK. Encryption: WPA2, WPA, WEP - 40 bit and 128-bit keys	HSPA+/UMTS	A-GPS, GLONASS (opt)
GPS		N/A	N/A	N/A	GPS/GLONASS/SBAS	1D Laser, 2D Imager
Imager		1D/2D Adaptus® Imaging Technology; 752 x 480 pixel CMOS area imager	1D, 2D	1D, 2D	No	5.0MP
Camera		N/A	N/A	N/A	5MP (Geo models)	Alpha-Numeric, QWERTY
Keypads		34-Key Numeric; 57-Key Alpha-Numeric	34-Key Numeric; 57-Key Alpha-Numeric	Numeric or PDA	Numeric	Li-Polymer 3.7 V 3,400mA
Batteries		Li-Ion 5200mAh	Li-Ion 5200mAh	2400mAh or 4000mAh Li-Ion	3.7VDC @ 10600mAh Li-Ion	75.3 x 165.8 x 26
Dimensions (mm)		188 x 79 x 211	188 x 79 x 211	30.5 x 79 x 146	91 x 184 x 38	336 g
Weight		643.5g including battery	643.5g including battery	279g	590g	3.5" VGA
Display		3.5" Color TFT VG	3.5" Color TFT VGA	3.5" Color TFT	4.3" WGVA LCD TFT	Integrated
RFID		FCC Part 15B and 15C, RSS-210, ICES-003	FCC Part 15B and 15C, RSS-210, ICES-003	Yes	None	
Notes						

Larger, more rugged devices with several options for accessories.

		Opticon		Zebra				Pideon			Trimble
		H21	H22	MC67	MC9200	MC3200	OMNII XT15	BP30	BM180	HM50	Juno 5
											
Operating System		Windows® Mobile 6.5	Windows® Mobile 6.5.3	Windows® Handheld 6.5	Windows® CE 7.0	Windows® CE 7.0xPro	Windows® CE 6.0; Windows® 6.5	Android 4.2.Windows Embedded 8 Handheld	Android 4.2.Windows Embedded 8 Handheld	Windows Mobile 6.5 Android	Windows® Handheld 6.5
Processor		Qualcomm MSM7225 528 Mhz	Marvell PXA320 806MHz	Premium models: Dual core 1GHz OMAP 4. Base Dual Core 800 MHz OMAP 4	Dual core 1GHz OMAP	800 MHz OMAP4 or Dual core 1 GHz OMAP4		Dual Core 1.GHz	Dual Core 1.5GHz	1 GHz	800 MHz (Juno 5B) or 1.0 GHz (Juno 5D and Juno 5B/5D)
Memory	RAM	256 MB	256 MB	1GB	512MB or 1GB (Premium)	512MB or 1GB (Premium)	T1 OMAP 3, 800 MHz	1GB	1GB	256MB	512MB
	ROM	NAND Flash: 256 MB	NAND Flash: 512 MB	8GB Flash	2GB	2GB / 4GB	512MB	8GB	8GB	512MB	8 GB (Juno 5B), 16 GB (Juno 5D), or 32 GB (Juno 5B/5D)
SD Slot		Micro	Micro	Micro	32GB SDHC	Micro SD	1GB	Micro USB	Micro USB	Micro	Micro
Drop Spec		5 ft	5 ft	8ft	6ft	4ft	N/A	6ft	4ft	6ft	4ft
Ingress Protection		IP64	IP65	IP67	IP64	IP54	6.5ft	IP67	IP67	IP65	IP65
WLAN		802.11b/g	802.11b/g/n	802.11a/b/g/n	802.11a/b/g/n	802.11a/b/g/n	IP65, IP67, IEC 60759	8.2.11 a/b/g/n	8.2.11 a/b/g/n	802.11 a/b/g/n	802.11 b/g/n
PAN		BT v2.1 + EDR, class 2	BT v2.1 + EDR	BT v2.0 + EDR	BT v2.1 + EDR	BT v2.1	802.11a/b/g/n			BT v2.1	BT v2.1 + EDR
WWAN		GPRS/EDGE Quad band, 3G UMTS, 3.5G UMTS	GPRS/EDGE Quad band, 3G UMTS, 3.5G UMTS	4G HSPA+		None	BT v2.0+EDR	Optional HSPA+/HSPA/UMTS,EDGE/GSM	Optional HSPA+/HSPA/UMTS,EDGE/GSM	HSPA - 3.8G	UMTS / HSPA+, GSM / GPRS / EDGE
GPS		Integrated AGPS	Integrated AGPS	Yes	No		N/A	Integrated AGPS	Integrated AGPS	Yes	Yes
Imager		1D/ 2D / Postal	1D/ 2D / Postal	2D Imager	1D, 2D	1D Imager, 2D Imager	No	Optional 2D	Optional 2D	1D / 2D	1D, 2D
Camera		3.2MP	3.2MP	8MP	No	None	1D, 2D	8MP Rear, 1.3MP Front	8MP Rear, 1.3MP Front	5 MP	8MP
Keypads		Numeric, QWERTY	Numeric, QWERTY	Numeric, QWERTY	28-, 43- and 53-key	Numeric or ALPHA Numeric		Touchscreen	Touchscreen	Numeric or QWERTY	Onscreen
Batteries		Li-Ion 3.7V 3060mAh	Li-Ion 3.7V 3060mAh	3,600 mAh	7.2 volt Li-Ion 2200 mAh	Li-Ion up to 4800 mAh	Numeric or QWERTY	3.7V Li-Ion 4500 mAh	3.7V Li-Ion 3000 mAh	Li-Ion 3.7V, 3600 mAh	Li-Ion
Dimensions (mm)		67 x 135 x 22	151 x 75 x 25	77 x 162 x 33.5	231 x 91 x 193	190.4 x 81.9 x 45.2mm (Straight)	5300 mAh	78 x 158.3 x 22.5	78 x 152 x 16.7	75.8x154x28.6	155 x 82 x 25
Weight		235g	340g	385g	765g	365g (straight)	226x98x82	361g	261g	371g	400g
Display		2.8" TFT LCD touch	3.7" TFT LCD touch	3.5" VGA	3.7" VGA	3" (TFT) (320 x 320)	834g	5"	5"	3.5" TFT-LCD	4.3" WVGA
RFID			Optional		EN 301 489-1, 489-17, E55022 Class B, EN55024	None	3.7" VGA	ISO1443A&B, ISO15693	ISO1443A&B, ISO15693		865–868 or 902–928 MHz
Notes				Internal Sensor Tech Assisted GPS							

For further information contact us at: **t:** 01928 718800 **email:** helen.jones@spiritdatacapture.co.uk **www:** www.spiritdatacapture.com

Whilst every effort has been made to verify the accuracy of the data, Spirit Data Capture is not liable for any errors, loss or damage arising in any way from receipt or use thereof. *Last updated February 2019.*