

# DS 4a

Rugged. Performance. Keypad.

Practically the best solution providing no-compromising features for field-workforce mobility



Andorid 9.0  
PIE



2.0 GHz  
Octa-core



4" WVGA  
Display



Corning Gorilla  
Glass



Bluetooth 4.2  
Smart Ready



802.11  
a/b/g/n/ac



LTE  
Advanced



IP65  
1.8m Drop



4,000mAh  
Battery



1D & 2D  
Barcode  
Scanner





### • Physical Characteristics

<b>Dimensions(mm)</b>	76mm (W) x 164mm (H) x 26.5mm (T)	<b>Weight(g)</b>	340g with battery
<b>Display</b>	4" inch WVGA (480x800), Corning Gorilla Glass 3	<b>Touch Panel</b>	Capacitive
<b>Battery</b>	Li-ion 3.7V 4000mAh Qualcomm Quick Charge 3.0 for faster battery charging		
<b>Expansion Slot</b>	Expansion Slot Micro SD slot, SIM slot		
<b>Interface</b>	Interface USB 2.0 (Micro Type-B)		
<b>Sound &amp; Mic</b>	Louder Speaker, Receiver, Mic		

### • Performance Characteristics

<b>Processor</b>	ARM Cortex-A53 2.0GHz 64-bit Octa-core processor		
<b>Operating System</b>	Android 9.0 Pie (Upgrade available Android 10)		
<b>Memories(RAM/ROM)</b>	2GB / 16GB, 4GB / 64GB (optional)		

### • Integrated Radio

<b>WWAN</b>	LTE Advanced support LTE FDD / TDD : 1,3,5,7,8,20 / 38,39,40,41 WCDMA / GSM : 1,5,8 / 850, 900, 1900	<b>WPAN</b>	Bluetooth 4.2 (BR/EDR+BLE)
<b>WLAN</b>	IEEE 802.11 a/b/g/n/ac	<b>GPS</b>	Integrated stand alone, A-GPS
<b>WLAN Security</b>	WEP, WPA-PSK, WPA2-PSK, 802.1x EAP (PEAP-MSCHAPV2, PEAP-GTC, TLS, TTLS-PAP, TTLS-MSCHAP, TTLS-MSCHAPV2, TTLS-GTC, PWD)		

### • User Environment

<b>Operating Temperature</b>	-20° C to 60° C	<b>Storage Temperature</b>	-30° C to 70° C
<b>Humidity</b>	95% non-condensing	<b>Warranty</b>	1 year manufacturer's warranty
<b>Sealing &amp; Drop</b>	IP65, 1.8m multi drops to concrete	<b>Regulatory</b>	Regulatory KC, CE, RoHS
<b>Default Accessories</b>	Desktop Cradle : Spare battery Charging, Micro USB 2.0 (OTG), RS232(optional) Cradle Adapter (5V / 4A) Micro USB Type-B cable (Charging & Data Sync) High Capacity Battery (4,000mAh) Hand Belt Protection Film		
<b>Optional Accessories</b>	USB Wall Charger Rugged Bumper Guntrigger		

# Mobilebase

Mobile Data Capture for Everyday Professional

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