



DS50

Data Collection Terminal with Android 13

Next-level of Enterprise Mobility to Stay Connected

-  Android 13 (GMS)
-  Qualcomm 2.2GHz Octa-core Processor
-  4.3" WVGA Display
-  Corning Gorilla Glass
-  Bluetooth 5.0 (BLE)
-  802.11 a/b/g/n/ac 2x2 MIMO Fast-roaming
-  2D Imager (SR / EXR)
-  16MP Rear Camera
-  5,800mAh Large Capacity Battery
-  IP67 1.8m Drop





• Physical Characteristic

Dimension (mm)	225 (W) x 78 (grip: 58) (H) x 37 (T)	Weights(g)	410g w battery
Display	4.3" WVGA (480 x 800)	Touch Panel	Capacitive (Multi-touch, Glove-touch) Corning Gorilla Glass
Battery	Li-ion polymer 3.7V 5,800mAh Hot Swap support	Sensors	Gyro & Acceleration Sensor, Digital Compass
Expansion Slot	Micro SD card (up to 256GB) x 1	LED & Vibration	Charging LED, Notification LED, Vibration
Interface	USB 2.0 Type-C		
Sound & MIC	Loud Speaker, MIC		
Keyboard	34 Numeric, 54 Full-alpha Numeric (optional)		

• Performance Characteristic

Processor	Qualcomm SDM 660 2.2GHz Octa-core
Operating System	Android 13 (GMS)
Memory (RAM/ROM)	4GB / 64GB, UFS 2.1

• Wireless Characteristic

WLAN	IEEE 802.11 a/b/g/n/ac/d/h/i/r/k/v/w 2x2 MIMO Dual Band (2.4GHz / 5GHz)	WPAN	Bluetooth 5.0 (BLE, Connection Range 10m)
Fast Roaming	PMKID caching; Cisco CCKM; 802.11r; OKC		
WLAN Security	WEP (40 or 104 bit); WPA/WPA2 Personal (TKIP, and AES); WPA/WPA2 Enterprise (TKIP, and AES)- EAP-TTLS (PAP, MSCHAP, MSCHAPv2), EAP-TLS, PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC, LEAP, EAP-PWD		

• Data Capture

Barcode Scanner (Optional)	SR : Zebra SE4710, SE4750, SE4770 EXR : Zebra SE58	Camera	Rear : 16MP A/F
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• User Environment

Operating Temperature	- 20°C to 60°C	Storage Temperature	- 30°C to 70°C
Humidity	95% Non-condensing	Warranty	1 year of manufacturer's warranty
IP Protection	IP67	Drop & Tumble	1.8m drop to concrete (2m drop w Bumper) 0.5m drop 1,000 cycles (2,000 times drop)
Certificate	KC, CE, RoHS		
Default Accessories	Li-ion Polymer Battery (3.7V 5,800mAh) USB Cable (Type C) Quick Manual	Charging Adapter (5V / 3A) Handstrap Screen Protection Film	
Optional Accessories	1 Slot Cradle (Device & Spare Battery Charging, PC Sync) Rugged Bumper (2.0m drop to concrete) 4 Slot Battery Charger (12V / 7A) Stylus Pen & String	Gun Trigger Leather Case	

Mobilebase

Mobile Data Capture for Everyday Professional

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