

# APOLLO

## RFID Reader ATEX Zone 1 SMART Handheld

PART ID:  
**4501**

Always one step ahead! The smart and innovative Zone 1/CI I Div1 smartphone with the most advanced technology: First Bluetooth® 5.0 industrial smartphone with multifunctional ISM interface, large internal 64 GB memory and highest camera resolution in its class.

### Main Specifications

Frequencies	<b>LF HF</b> UHF
Material	Other
Operating Temperature	-20°C to 60°C
IP Class	IP64
Compliance	RoHs & REACH, FCC, CE
Key Features	ATEX and IECEx™ Zone 1, Android 9.0, Bluetooth 5.0



### Full Specifications

Product ID	4501
Name	APOLLO
Atex	yes
Material	Other
Shape	Short Range
Long Description	Always one step ahead! The smart and innovative Zone 1/CI I Div1 smartphone with the most advanced technology: First Bluetooth® 5.0 industrial smartphone with multifunctional ISM interface, large internal 64 GB memory and highest camera resolution in its class.
Key Features	ATEX and IECEx™ Zone 1, Android 9.0, Bluetooth 5.0

Article Type	SMART Handheld
Color	Black/Red
Length [mm]	155
Width [mm]	80
Thickness [mm]	25
Weight [g]	325
IP Class	IP64
PCB Material	FR4
Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Compliance	RoHs & REACH, FCC, CE
Read / Read Write	Read&Write
Typical Reading Range	Short
Supported Standards / Tags	NFC
Operating Temp °C (min)	-20
Operating Temp °C (max)	60
Storage Temp °C (min)	-20
Storage Temp °C (max)	60
Power Supply	Battery
Battery Type	Li-Ion
Battery Capacity	3600mAh
Operating Frequency	13.56 MHz
Interfaces Physical	USB/Bluetooth 5.0
Antenna int.	1
Operating System	Android 9.0
Display Size	4.5 inch
Touch Display	Yes
Camera	13MP/5MP
GPS	Yes
Memory Type	RAM/ROM
Memory Capacity	4GB/64GB
Memory Card Slot	yes
CPU	Qualcomm Snapdragon SDM660 Octa-Core
Integrated RFID Reader	NFC
Development Tools	SDK
Accessories	yes

## VARIANTS

ID	Variant
4501-01-000-00	NFC, 4,5" Touch Display
4501-02-000-00	Spare Battery
4501-03-000-00	Desktop Charger
4501-04-000-00	Multicharger Set

ID	Variant
4501-05-000-00	Belt Clip
4501-06-000-00	Leather Case
4501-07-000-00	Arm Mount Set
4501-08-000-00	Lanyard Hand Strap Set
4501-09-000-00	Screen Protector
4501-10-000-00	Panzer Glass Screen Protector
4501-11-000-00	13-Pin Headset