

# APOLLO

SMART Reader  
SMART Handheld

PART ID:  
**4808**

PID 4808 serial products are equipped with 5.5 inch IPS HD display with resolution of 720\*1440 based on the top trend with aspect ratio of 18:9 which provides the best visual experience. Products with built-in UHF reader shall satisfy comprehensive projects with reading distance up to 2-3 meters (adjusting based on the actual environment and tags). Products integrated with professional & accurate 2D barcode scan engine shall provide accurate and fast reading experience which meet different tough environments including dirty/defective barcodes.

## Main Specifications

|                       |                                                                                                                                  |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Frequencies           | <b>LF HF UHF</b>                                                                                                                 |
| Material              | Other                                                                                                                            |
| Operating Temperature | -20°C to 50°C                                                                                                                    |
| IP Class              | IP65                                                                                                                             |
| Compliance            | RoHs & REACH, FCC, CE                                                                                                            |
| Key Features          | Industrial and Humanized Hardware Design, Octa-Core Processor & Large Memory, Superior Data Communication and Security Guarantee |
| Options               | Barcode Reader Integrated, Docking Station                                                                                       |



## Full Specifications

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product ID       | 4808                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Name             | APOLLO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Material         | Other                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Shape            | Mid Range                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Long Description | PID 4808 serial products are equipped with 5.5 inch IPS HD display with resolution of 720*1440 based on the top trend with aspect ratio of 18:9 which provides the best visual experience. Products with built-in UHF reader shall satisfy comprehensive projects with reading distance up to 2-3 meters (adjusting based on the actual environment and tags). Products integrated with professional & accurate 2D barcode scan engine shall provide accurate and fast reading experience which meet different tough environments including dirty/defective barcodes. |
| Key Features     | Industrial and Humanized Hardware Design, Octa-Core                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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|                             |                                                                            |
|-----------------------------|----------------------------------------------------------------------------|
|                             | Processor&Large Memory, Superior Data Communication and Security Guarantee |
| Options                     | Barcode Reader Integrated, Docking Station                                 |
| Article Type                | SMART Handheld                                                             |
| Length [mm]                 | 166                                                                        |
| Width [mm]                  | 79                                                                         |
| Thickness [mm]              | 27                                                                         |
| Weight [g]                  | 400                                                                        |
| IP Class                    | IP65                                                                       |
| PCB Material                | Other                                                                      |
| Chemical Resistance         | Not Specified                                                              |
| Flame Resistance            | Not Specified                                                              |
| Mechanical Resistance       | Not Specified                                                              |
| Compliance                  | RoHs & REACH, FCC, CE                                                      |
| Read / Read Write           | Read                                                                       |
| Operating Temp °C (min)     | -20                                                                        |
| Operating Temp °C (max)     | 50                                                                         |
| Storage Temp °C (min)       | -20                                                                        |
| Storage Temp °C (max)       | 70                                                                         |
| Power Supply                | Battery                                                                    |
| Battery Type                | Removable Li-Ion                                                           |
| Battery Capacity            | 4800mAh                                                                    |
| Operating Frequency         | NFC/UHF                                                                    |
| max.Power                   | 3.85V                                                                      |
| Operating System            | Android 10                                                                 |
| Display Size                | 5.5 Inch                                                                   |
| Touch Display               | Yes                                                                        |
| Camera                      | 5MP/13MP                                                                   |
| GPS                         | Yes                                                                        |
| Integrated Bar Code Scanner | Zebra Se4710                                                               |
| Memory Type                 | RAM/ROM                                                                    |
| Memory Capacity             | 2GB/16GB                                                                   |
| Memory Card Slot            | yes                                                                        |
| CPU                         | Cortex A73 2.0GHz octa-core                                                |
| Display                     | TFT-LCD                                                                    |
| Display Resolution          | 720x1440                                                                   |

## VARIANTS

| ID             | Variant        |
|----------------|----------------|
| 4808-01-000-00 | HF/Barcode     |
| 4808-02-000-00 | HF/UHF         |
| 4808-03-000-00 | HF/UHF/Barcode |