

# AIM-35

## 8" Industrial Tablet for Retail Application Powered By Intel® Atom™ Processor



### Features

- Intel® Atom™ processor for Windows 10 IoT and Android 6.0 operating systems
- Industrial-Grade 8" 1,920 x 1,200 LCD Panel with 400 nits brightness and MTBF up to 12,000 hours
- Equipped Gorilla® Glass 3, Anti-Glare, Anti-Fingerprint, Direct Bonded Touch Panel against scratch
- Supports glove mode and stylus with palm detection to expand usability
- IP65 water and dust protection/ 4ft drop compliant
- Comprehensive communication technologies including 3G/4G (support PCTRB), WLAN, BT, NFC, GPS and HDMI output
- Camera module supports auto focus with LED flash
- AIM Extension 14-pin Pogo connector supports Extension Modules for 1D/2D Barcode scanner, MSR, IC Card readers
- AIM Dock 16-pin Pogo connector supports Cradle and Docking peripherals: VESA mount dock, charging station and printer cradle

### Introduction

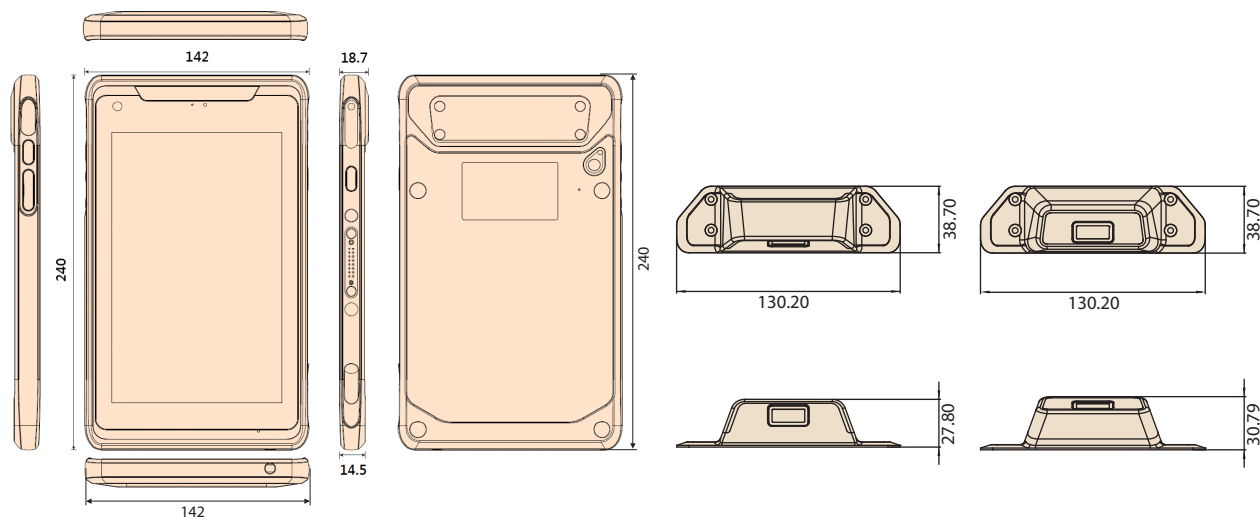
AIM-35 is an industrial-grade handheld tablet POS system for multiple applications with Intel® Atom™ processor and multiple OS platform support for various software operation. To meet demands of retail and hospitality industry, AIM-35 provides 6-8 hours operation and support IP65-rated water and dust protection as robust tablet, but also enables various extension modules for the diversified application scenarios, such as 2D barcode scanner, to satisfy various retail and hospitality applications as well as inventory management or self-service operations that makes AIM-35 is ideal tablet POS system for the retail and hospitality market.

### Specifications

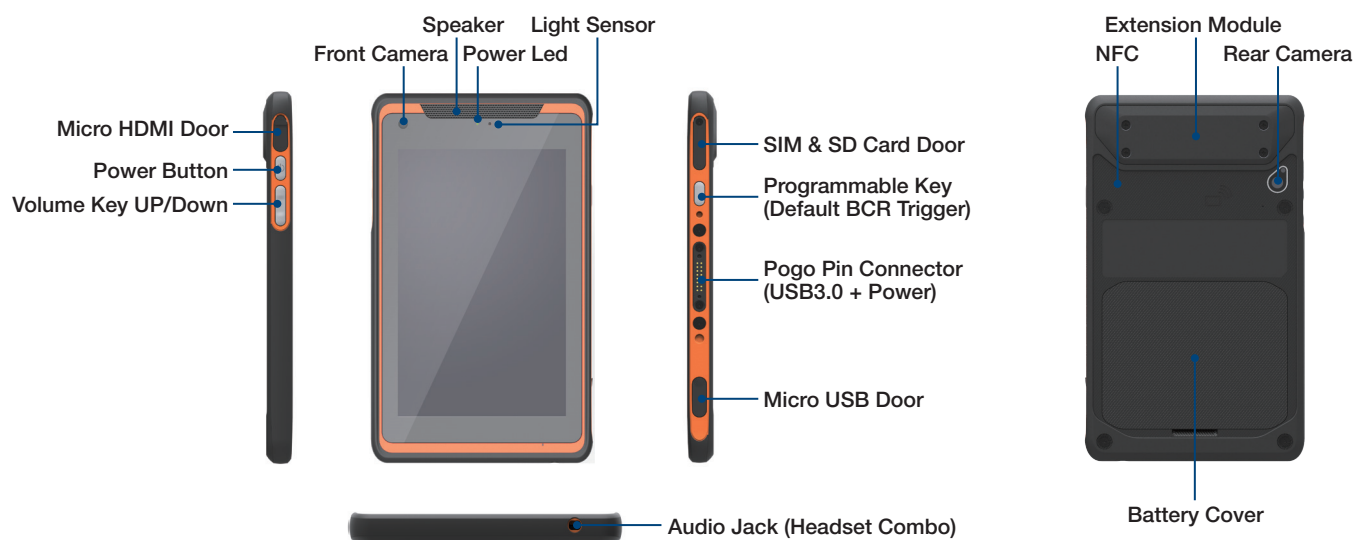
|                        |                             |                                                                                                                                                 |
|------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| System                 | Processor                   | Intel® Atom™ quad-core x5-Z8350 (1.44 GHz)                                                                                                      |
|                        | Memory                      | 2/4 GB                                                                                                                                          |
|                        | OS                          | Windows 10 IoT Enterprise, Android 6.0                                                                                                          |
| Storage                | eMMC                        | 32/64 GB                                                                                                                                        |
|                        | SD Card                     | 1 x Micro SD                                                                                                                                    |
| Display                | Type                        | 8" IPS LCD                                                                                                                                      |
|                        | Resolution                  | WUXGA 1200 x 1920                                                                                                                               |
|                        | Brightness                  | 400 cd/m2                                                                                                                                       |
| Touchscreen            | Type                        | 10-point multi-touch capacitive                                                                                                                 |
|                        | Construction                | Directly bonded Corning® Gorilla® Glass 3                                                                                                       |
| Multimedia             | Speaker                     | 1 x Internal speaker (1 W)                                                                                                                      |
|                        | Microphone                  | 1 x Internal microphone for noise suppression                                                                                                   |
| Camera                 | Front                       | 2-Megapixel camera with fixed focus                                                                                                             |
|                        | Rear                        | 5-Megapixel camera with auto focus and LED flash                                                                                                |
| Sensors                |                             | Ambient Light Sensor, E-Compass, G-Sensor, Gyroscope                                                                                            |
| I/O                    | Standard I/O                | 1 x Micro HDMI<br>1 x Micro USB 2.0 (host and charging) 1 x Micro SIM                                                                           |
|                        | Extended I/O                | 1 x AIM extension 14-pin pogo connector: 1 x USB 2.0, 1 x 2-wire UART, 5V/1A power<br>1 x AIM dock 16-pin pogo connector: 1 x USB 3.0, 9V power |
|                        | Buttons                     | 1 x Power<br>2 x Volume control<br>1 x Hotkey (default is barcode scanner trigger)                                                              |
|                        | LED                         | 1 x Power/battery status indicator                                                                                                              |
|                        |                             |                                                                                                                                                 |
| Wireless Communication | WLAN/Bluetooth              | IEEE 802.11 b/g/n, a/c optional, Bluetooth v4.0, Class 2                                                                                        |
|                        | NFC                         | 13.56 MHz, compatible with ISO 15693, ISO 14443A, ISO 14443B, FeliCa                                                                            |
|                        | WWAN                        | 4G LTE multi-device broadband for US (PCTRB), EU, CN, and JP                                                                                    |
| GNSS                   | Satellite System (Optional) | GPS, GLONASS, BDS                                                                                                                               |
| Power                  | Input Voltage               | Micro USB: 5V/3A Dock pogo: 9V/2A                                                                                                               |
|                        | Battery                     | Swappable battery: 1S2P 3.8V 18.6Wh                                                                                                             |
| Mechanical             | Dimensions (W x D x H)      | 142 x 240 x 14.5 mm (5.59 x 9.44 x 0.57 in)                                                                                                     |
|                        | Weight                      | 0.6 kg (1.32 lb)                                                                                                                                |
| Environment            | Operating Temperature       | -10 ~ 50 °C (14 ~ 122 °F); 0 ~ 40 °C (32 ~ 104 °F) when charging                                                                                |
|                        | Storage Temperature         | -20 ~ 60 °C (-4 ~ 140 °F)                                                                                                                       |
|                        | IP Rating                   | IP65                                                                                                                                            |
|                        | Shock                       | Operating: 30 G, 11 ms<br>Non-operating: 100 G, 6 ms                                                                                            |
|                        | Vibration                   | Operating/non-operating: IEC 60721-3-5 5M3 compliant                                                                                            |
|                        | Drop Tested                 | Up to 4 foot (120 cm) onto concrete                                                                                                             |
|                        | Safety/EMC                  | UL, CB, LVD + Energy Star 6.1, CE, FCC, IC, VCCI, RCM, CCC, BSMI                                                                                |
|                        | Certifications              | RED, FCC ID, IC, TELEC, NCC, SRRC, RCM                                                                                                          |
|                        |                             |                                                                                                                                                 |

## Dimensions

Unit: mm



## Front/Rear/Side I/O View



## Ordering information

|                       | Part Number       | Configurations        |        |         |              |        |     |
|-----------------------|-------------------|-----------------------|--------|---------|--------------|--------|-----|
|                       |                   | CPU                   | Memory | Storage | Wi-Fi/BT/NFC | LTE    | GPS |
| Win 10 IoT Enterprise | AIM-35AT-00101000 | Intel® Atom™ x5-Z8350 | 2 GB   | 32 GB   | V            | X      | X   |
|                       | AIM-35AT-00107000 | Intel® Atom™ x5-Z8350 | 2 GB   | 32 GB   | V (a/c band) | X      | X   |
|                       | AIM-35AT-00108000 | Intel® Atom™ x5-Z8350 | 2 GB   | 32 GB   | V            | V (NA) | V   |
|                       | AIM-35AT-00104000 | Intel® Atom™ x5-Z8350 | 2 GB   | 32 GB   | V            | V (EU) | V   |
|                       | AIM-35AT-02301000 | Intel® Atom™ x5-Z8350 | 4 GB   | 64 GB   | V            | X      | X   |
|                       | AIM-35AT-02307000 | Intel® Atom™ x5-Z8350 | 4 GB   | 64 GB   | V (a/c band) | X      | X   |
|                       | AIM-35AT-02308000 | Intel® Atom™ x5-Z8350 | 4 GB   | 64 GB   | V            | V (NA) | V   |
|                       | AIM-35AT-02304000 | Intel® Atom™ x5-Z8350 | 4 GB   | 64 GB   | V            | V (EU) | V   |

|             | Part Number       | Configurations        |        |         |              |        |     |
|-------------|-------------------|-----------------------|--------|---------|--------------|--------|-----|
|             |                   | CPU                   | Memory | Storage | Wi-Fi/BT/NFC | LTE    | GPS |
| Android 6.0 | AIM-35AT-01101000 | Intel® Atom™ x5-Z8350 | 2 GB   | 32 GB   | V            | X      | X   |
|             | AIM-35AT-01107000 | Intel® Atom™ x5-Z8350 | 2 GB   | 32 GB   | V (a/c band) | X      | X   |
|             | AIM-35AT-01108000 | Intel® Atom™ x5-Z8350 | 2 GB   | 32 GB   | V            | V (NA) | V   |
|             | AIM-35AT-01104000 | Intel® Atom™ x5-Z8350 | 2 GB   | 32 GB   | V            | V (EU) | V   |
|             | AIM-35AT-03301000 | Intel® Atom™ x5-Z8350 | 4 GB   | 64 GB   | V            | X      | X   |
|             | AIM-35AT-03307000 | Intel® Atom™ x5-Z8350 | 4 GB   | 64 GB   | V (a/c band) | X      | X   |
|             | AIM-35AT-03308000 | Intel® Atom™ x5-Z8350 | 4 GB   | 64 GB   | V            | V (NA) | V   |
|             | AIM-35AT-03304000 | Intel® Atom™ x5-Z8350 | 4 GB   | 64 GB   | V            | V (EU) | V   |

## Power Cord Ordering Information

| P/N        | Description                            |
|------------|----------------------------------------|
| 1700008921 | Japan Power Cord PSE 3P 7A 125V 183cm  |
| 1700019146 | China Power Cord CCC 3P 10A 250V 183cm |
| 1700018553 | AU Power Cord SAA 3P 10A 250V 183cm    |

| P/N        | Description                         |
|------------|-------------------------------------|
| 170203180A | UK Power Cord BSI 3P 10A 250V 183cm |
| 170203183C | EU Power Cord EU 3P 2.5A 250V 183cm |

# VESA/Office Dock

## Docking Station Series for AIM-35



### Features

- 9 ~ 32 V wide input voltage range
- VESA (75 x 75 mm)-compliant docking stations
- -10 ~ 50 °C (14 ~122 °F) operating temperature
- Reliable docking connector for office applications

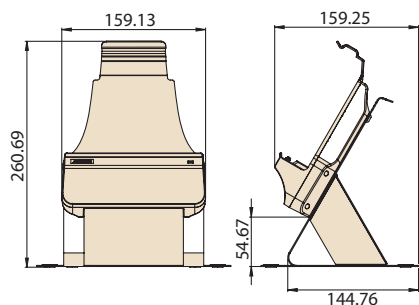
### Specifications

|             |                        | Office Docking Station<br>(Full Config.)                           | Office Docking Station<br>(Base Config.)          | VESA Docking Station<br>(Full Config.)                             | VESA Docking Station<br>with(Base Config.)    |
|-------------|------------------------|--------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------|
| I/O         |                        | 2 x USB 3.0<br>1 x RS-232 COM<br>1 x Gigabit LAN<br>1 x Power jack | 2 x USB 2.0<br>1 x Power jack                     | 2 x USB 3.0<br>1 x RS-232 COM<br>1 x Gigabit LAN<br>1 x Power jack | 2 x USB 2.0<br>1 x Power jack                 |
| Stand       |                        | SECC steel                                                         | SECC steel                                        | N/A                                                                | N/A                                           |
| Power       | Input Voltage          | 9 ~ 32V                                                            | 19V                                               | 9 ~ 32 V                                                           | 19 V                                          |
| Mechanical  | Dimensions (W x D x H) | 215 x 174.29 x 260.69 mm<br>(8.5 x 6.9 x 10.3 in)                  | 215 x 174.29 x 260.69 mm<br>(8.5 x 6.9 x 10.3 in) | 160 x 61.8 x 189.2 mm<br>(6.3 x 2.4 x 7.4 in)                      | 160 x 61.8 x 189.2 mm<br>(6.3 x 2.4 x 7.4 in) |
|             | Weight                 | 0.75 kg (1.65 lb)                                                  | 0.748 kg (1.64 lb)                                | 0.282 kg (0.62 lb)                                                 | 0.28 kg (0.61 lb)                             |
| Environment | Operating Temperature  | -10 ~ 50 °C (14 ~122 °F)                                           |                                                   |                                                                    |                                               |
|             | Storage Temperature    | -20 ~ 70 °C (-4 ~ 158 °F)                                          |                                                   |                                                                    |                                               |
|             | Safety                 | UL, CB, LVD, CCC                                                   |                                                   |                                                                    |                                               |
|             | Certifications         | CE, FCC, CCC                                                       |                                                   |                                                                    |                                               |

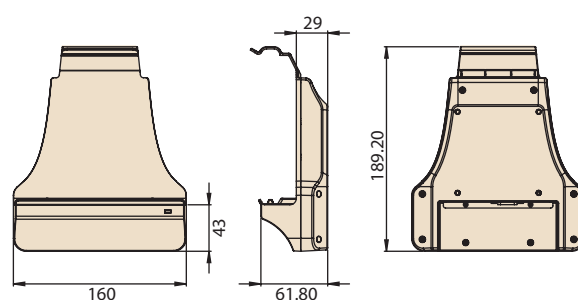
### Dimensions

Unit: mm

#### Office Docking Station



#### VESA Advanced/VESA Docking Station



### Ordering Information

| Part Number | Description                                 |
|-------------|---------------------------------------------|
| AIM-P503A0  | AIM-35 VESA Docking Station (USB)           |
| AIM-P503B0  | AIM-35 VESA Docking Station (Full Config)   |
| AIM-P504A0  | AIM-35 Office Docking Station (USB)         |
| AIM-P504B0  | AIM-35 Office Docking Station (Full Config) |

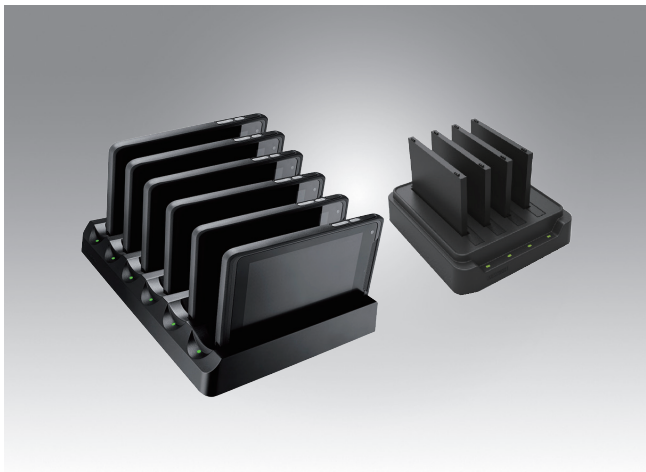
### Power Cord Ordering Information

#### (Leverage AIM-35 Power Cord)

| Part Number | Description                               |
|-------------|-------------------------------------------|
| 1700001524  | Power cord (USA) UL 3P 10A 125V 183 cm    |
| 1700008921  | Power cord (Japan) PSE 3P 7A 125V 183 cm  |
| 1700019146  | Power cord (China) CCC 3P 10A 250V 183 cm |
| 1700018553  | Power cord (NZ/AU) SAA 3P 10A 250V 183 cm |
| 170203180A  | Power cord (UK) BSI 3P 10A 250V 183 cm    |
| 170203183C  | Power cord (EU) 3P 2.5A 250V 183 cm       |

# Multiple Charging Stations

## Multi-Bay Charging Stations for AIM-35



### Features

- Can charge up to 6 tablets/4 batteries simultaneously
- Overcurrent and overvoltage protection provided
- Rapid single-handed docking and undocking
- LED indicators for monitoring charging status

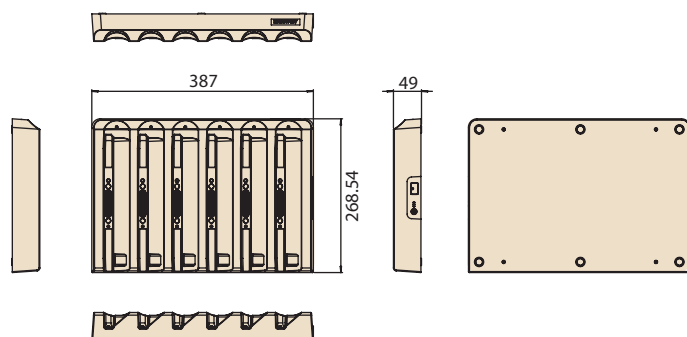
### Specifications

|                |                        | Multi-Tablet Charging Station                | Multi-Battery Charging Station               |
|----------------|------------------------|----------------------------------------------|----------------------------------------------|
| Capacity       | Number of Bays         | 6                                            | 4                                            |
|                | Charging Current       | 2A                                           | 2.5A                                         |
| Power          | Charging Voltage       | 9 V                                          | 4.35 V                                       |
|                | Input Voltage          | 19 V                                         | 19 V                                         |
| LED Indicators |                        | Green: Full<br>Amber: Charging<br>Red: Error | Green: Full<br>Amber: Charging<br>Red: Error |
| Mechanical     | Dimensions (W x D x H) | 387 x 269 x 49 mm (15.23 x 10.59 x 1.92 in)  | 144 x 155 x 39 mm (5.66 x 6.10 x 1.53 in)    |
|                | Weight                 | 1.98 kg (4.36 lb)                            | 0.48 kg (1.05 lb)                            |
| Environment    | Operating Temperature  | 0 ~ 40 °C (32 ~ 104 °F)                      | 0 ~ 40 °C (32 ~ 104 °F)                      |
|                | Storage Temperature    | -10 ~ 50 °C (14 ~ 122 °F)                    | -10 ~ 50 °C (14 ~ 122 °F)                    |
|                | Safety                 | UL, CB, LVD, CCC, RCM                        | UL, CB, LVD, CCC, RCM                        |
|                | Certifications         | CE, FCC, CCC, RCM, BSMI                      | CE, FCC, CCC, RCM, BSMI                      |

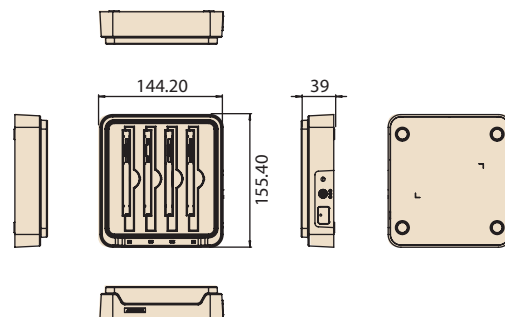
### Dimensions

Unit: mm

#### Multi-Tablet Charging Station



#### Multi-Battery Charging Station



### Ordering Information

| Part Number   | Description                            |
|---------------|----------------------------------------|
| AIM-CHG0-0150 | AIM-35 6-in-1 tablet charging station  |
| AIM-MBC0-0051 | AIM-35 4-in-1 battery charging station |

### Power Cord Ordering Information

#### (Leverage AIM-35 Power Cord)

| Part Number | Description                               |
|-------------|-------------------------------------------|
| 1700001524  | Power cord (USA) UL 3P 10A 125V 183 cm    |
| 1700008921  | Power cord (Japan) PSE 3P 7A 125V 183 cm  |
| 1700019146  | Power cord (China) CCC 3P 10A 250V 183 cm |
| 1700018553  | Power cord (NZ/AU) SAA 3P 10A 250V 183 cm |
| 170203180A  | Power cord (UK) BSI 3P 10A 250V 183 cm    |
| 170203183C  | Power cord (EU) 3P 2.5A 250V 183 cm       |

# AIM-35 Extensions and Accessories

## Extension Modules

**Barcode Scanner (20°)**



**Barcode Scanner (70°)**



**LAN + COM Module**



**UHF RFID Reader**



| Part Number | AIM-P511A0                                        | AIM-EXT0-0041                                   | AIM-EXT0-0046                                 | AIM-EXT0-0047 (EU)/<br>AIM-EXT0-0049 (US)        |
|-------------|---------------------------------------------------|-------------------------------------------------|-----------------------------------------------|--------------------------------------------------|
| Color       | Black                                             | Black                                           | Black                                         | Black                                            |
| Dimensions  | 130.2 x 38.7 x 27.8 mm<br>(5.12 x 1.52 x 1.09 in) | 130.2 x 38.7 x 32 mm<br>(5.12 x 1.52 x 1.25 in) | 130.2 x 70 x 29 mm<br>(5.12 x 2.75 x 1.14 in) | 130.2 x 63.6 x 65.9 mm<br>(5.12 x 2.5 x 2.59 in) |
| Weight      | 0.042 kg (0.092 lb)                               | 0.042 kg (0.092 lb)                             | 0.078 kg (0.171 lb)                           | 0.08 kg (0.176 lb)                               |

## Accessories

**Hand Strap**



**Shoulder Strap**



**Holster**



**Active Stylus**



**Battery with Meter**

1 pcs



| Part Number | AIM-SRP0-0000                   | AIM-SRP0-0001                                 | AIM-HOLO-0160                               | AIM-P704                         | AIM-BATO-0252                                 |
|-------------|---------------------------------|-----------------------------------------------|---------------------------------------------|----------------------------------|-----------------------------------------------|
| Color       | Black                           | Black                                         | Black                                       | Black                            | Black                                         |
| Dimensions  | 240 x 20 mm<br>(9.44 x 0.78 in) | 380 x 135 x 20 mm (14.96<br>x 5.31 x 0.78 in) | 250 x 150 x 30 mm (9.84 x<br>5.9 x 1.18 in) | 140 x 9.7 mm<br>(5.51 x 0.38 in) | 98 x 84.5 x 6.5 mm<br>(3.85 x 3.32 x 0.25 in) |
| Weight      | 0.022 kg (0.048 lb)             | 0.05 kg (0.11 lb)                             | 0.23 kg (0.5 lb)                            | 0.02 kg (0.044 lb)               | 0.104 kg (0.229 lb)                           |

## Docking Station

**Desk Docking Station**



| Part Number | AIM-SDD7-0000                                    |
|-------------|--------------------------------------------------|
| Color       | Black                                            |
| Dimensions  | 131.5 x 128.5 x 107.9 mm (5.17 x 5.05 x 4.24 in) |
| Weight      | 0.572 kg (1.26 lb)                               |



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Электрон  
Связь**

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**Наши контакты:**

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