



Myers MSS-AK2-4G is a smart sensor alarm system featuring an alarm host with 4G LTE connectivity supporting B1/B3/B5/B7/B8/B20 (LTE-FDD) and B1/B2/B3/B4/B5/B7/B8/B28/B66 (4G-SA) bands, as well as IEEE 802.11b/g/n Wi-Fi at 2.4 GHz. The system supports up to 45 wireless detectors and 8 remote controllers operating at 433 MHz or 315 MHz radio frequencies. The package includes an alarm host with built-in 800 mAh LiPo battery and 120 dB sound alarm capability, a magnetic sensor for door/window installation with 10 mm sensing distance, a PIR motion sensor with 8 m detection distance and 110° wall detection angle, two remote controllers, and a wired siren with 80 cm cable length and 3.5 mm jack connector. The system operates in temperatures from -20°C to +40°C and supports the Partizan mobile app.

| Product details |            |
|-----------------|------------|
| Model           | MSS-AK2-4G |
| SKU             | 7950       |

| Alarm host                                   |                              |
|----------------------------------------------|------------------------------|
| Software                                     |                              |
| Mobile app                                   | Partizan                     |
| Default password                             | 123456                       |
| Network                                      |                              |
| Wi-Fi                                        | IEEE 802.11b/g/n (2.4 GHz)   |
| 4G-E Band                                    | B1/B3/B5/B7/B8/B20 (LTE-FDD) |
| 4G-SA Band                                   | B1/B2/B3/B4/B5/B7/B8/B28/B66 |
| Specifications                               |                              |
| Radio frequency                              | 433 MHz, 315 MHz             |
| Transmission distance (to remote controller) | < 40 m                       |
| Transmission distance (to detectors)         | < 80 m                       |
| Alarm phone numbers                          | 6 pcs                        |
| SMS numbers                                  | 3 pcs                        |

|                              |                            |
|------------------------------|----------------------------|
| Wireless detectors supported | 45 pcs                     |
| Remote controllers supported | 8 pcs                      |
| Electrical specifications    |                            |
| Idle current                 | ≤ 150 mA                   |
| Peak current                 | ≤ 350 mA                   |
| Alarm specifications         |                            |
| Alarm sound                  | ≥ 120 dB                   |
| Alarm mode                   | Sound                      |
| Mechanical specifications    |                            |
| Wired siren cable length     | 80 cm                      |
| Wired siren connector type   | 3.5mm jack                 |
| Installation method          | Wall                       |
| Housing material             | Plastic                    |
| Dimensions                   | 190 x 135 x 14.6 mm        |
| Weight                       | 220 g                      |
| Power                        |                            |
| DC power source              | 5 V                        |
| DC consumption               | 2000 mA                    |
| Battery type                 | LiPo 4.2V                  |
| Battery capacity             | 800 mAh                    |
| Operating conditions         |                            |
| Humidity range               | 20-95% RH (non-condensing) |
| Operating temperature        | -20 - 40 °C                |
| Storage temperature          | -30 - 50 °C                |

|                 |                  |
|-----------------|------------------|
| Magnetic sensor |                  |
| Specifications  |                  |
| Radio frequency | 433 MHz, 315 MHz |

|                           |                            |
|---------------------------|----------------------------|
| Transmission distance     | 80 m                       |
| Mechanical specifications |                            |
| Magnetic sensing distance | ≤ 10 mm                    |
| Installation method       | Door, Window               |
| Housing material          | Plastic                    |
| Dimensions                | 66.5 x 25.3 x 14 mm        |
| Weight                    | 30 g                       |
| Power                     |                            |
| DC power source           | 12 V                       |
| DC consumption            | 2300 mA                    |
| Operating conditions      |                            |
| Humidity range            | 20-95% RH (non-condensing) |
| Operating temperature     | -20 - 40 °C                |
| Storage temperature       | -30 - 50 °C                |

|                           |                  |
|---------------------------|------------------|
| PIR motion sensor         |                  |
| Specifications            |                  |
| Radio frequency           | 433 MHz, 315 MHz |
| Transmission distance     | 80 m             |
| Electrical specifications |                  |
| Idle current              | ≤ 40 µA          |
| Peak current              | ≤ 15 mA          |
| Alarm specifications      |                  |
| Alarm mode                | Flash alarm      |
| Mechanical specification  |                  |
| Detection distance        | ≤ 8 m            |
| Installation method       | Wall             |
| Detection angle (wall)    | 110°             |

|                       |                            |
|-----------------------|----------------------------|
| Housing material      | Plastic                    |
| Dimensions            | 110 x 53 x 37.3 mm         |
| Weight                | 80 g                       |
| Power                 |                            |
| Battery type          | 9V (6F22) × 1              |
| Battery capacity      | 250 mAh                    |
| Operating conditions  |                            |
| Humidity range        | 20-95% RH (non-condensing) |
| Operating temperature | -20 - 40 °C                |
| Storage temperature   | -30 - 50 °C                |

|                          |                            |
|--------------------------|----------------------------|
| Remote controller        |                            |
| Specifications           |                            |
| Radio frequency          | 433 MHz, 315 MHz           |
| Transmission distance    | 40 m                       |
| Mechanical specification |                            |
| Housing material         | Plastic                    |
| Dimensions               | 57 x 31.5 x 11.5 mm        |
| Weight                   | 20 g                       |
| Power                    |                            |
| DC power source          | 3 V                        |
| Battery type             | CR2032                     |
| Operating conditions     |                            |
| Humidity range           | 20-95% RH (non-condensing) |
| Operating temperature    | -20 - 40 °C                |
| Storage temperature      | -30 - 50 °C                |

| Common          |                                                                                                                   |
|-----------------|-------------------------------------------------------------------------------------------------------------------|
| Package content | Alarm host, Magnetic sensor, PIR motion sensor, Remote controllers x 2 , Wired siren, Mounting kit, Power adapter |
| Warranty        | 3 years                                                                                                           |