



# IQ4 NS

## Affordable Smart Security for Every Home



**Affordable Best-In-Class**  
Superior and economical end-to-end solutions



**PowerG™ Enabled**  
Industry-leading encryption, range and reliability



**Flexible Application**  
Perfect for use in Residential, Builder, MDU and SMB



**Easy Automation**  
Z-Wave 800 Series for lights, locks, thermostats and more



**One Platform, One Solution**  
Join an ever-growing, seamless IQ ecosystem



**Effortless Setup**  
Simple installation with SmartMount, IQ Installer, and Alarm.com integration

# Specifications

| Items             | Parameters            | IQ4 NS                                                                                                  |
|-------------------|-----------------------|---------------------------------------------------------------------------------------------------------|
| User Codes        | Up to 242             | Role-based (Dealer, Installer, Master, User, Guest, Duress)                                             |
| Network           | Wi-Fi                 | Wi-Fi 802.11 a/b/g/n/ac dual-band 2.4/5GHz - including built-in access point capability                 |
|                   | Cellular              | LTE Category 4 (Bands 2/25, 4/66, 5, 7, 12/17, 13, 14 non-FirstNet, 26)                                 |
| Z-Wave Plus (800) | Up to 137 Devices     | 137 total (Up to 80 lights, up to 20 locks, up to 10 thermostats, up to 6 garage doors, up to 21 misc.) |
| PowerG            | Up to 128 Devices     | 915 MHz Long-Range Secure Encrypted 2-Way Wireless                                                      |
| Security RF       | Up to 128 Devices     | Depending on the model: Either S-Line Encrypted 319.5 MHz, 345 MHz, or 433 MHz                          |
| Bluetooth         |                       | Qualcomm Bluetooth Low Energy (BLE) 4.2                                                                 |
| Flash Memory      | Internal Storage      | 16GB NAND Flash                                                                                         |
| LED Indicator     | Power LED, Status LED | x1 Green LED, x1 Full-color RGB LED                                                                     |
| Speaker/Siren     | 2W                    | Front-facing 2W speaker + 85dB piezo siren                                                              |
| Tamper            | Tamper Switch         | Dual panel and wall tamper with spring release and Smash and Grab reporting                             |
| Battery           | Type 18650            | Rechargeable Lithium Ion 3000mAh rated for over 24 hours                                                |
| Buttons           | Hard Button           | Single button for pairing and troubles / alarm in memory announcements                                  |
| Mechanical        | Dimensions            | 6.1"H x 7.5"W x 1"D (155mm x 191mm x 26mm)                                                              |
| Power Supply      | DC                    | 7v DC 1000mA CC, Input 100-240VAC 50/60Hz adapter evaluated at 120vAC for UL/cUL                        |
| Mount             | Back Plate            | SmartMount for wall mounting included. SmartMount table stand                                           |
| Certifications    | FCC                   | FCC: 2AAJXQS-IQP4Z (may contain additional modules with separate FCC IDs) 2AAJXQS-ZW8                   |
|                   | IC                    | IC: 11205A-QSIQP4Z                                                                                      |
|                   | UL/ULC                | UL-985, UL-1023, UL2610, ULC-S545, ULC-S304                                                             |
| Temperature       | Operational           | 0°C to 49°C, 32°F to 120.2°F, up to 93% relative humidity, indoor, dry ordinary locations use only      |
|                   | Storage               | -20°C to 50°C, -4°F to 122°F                                                                            |
| Operating System  | Android 9             | OTA updates, custom text-to-speech, language translations                                               |
| Processor         | 8-core                | Qualcomm Snapdragon 8-core SOM (System on a Module) with 16GB of NAND Flash                             |