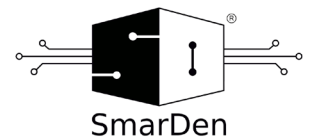


Designed For Homes That Appreciate Finer Things.

Product Catalog

Touch Switch Boards | Smart Door Locks | Drivers | Sensors | Smart Screens







THE COMPANY

SmarDen started with a simple idea. A home should run smoothly without asking people to manage a hundred small things every day. We build automation that feels natural, works fast and stays reliable for years.

Our systems are used in apartments, villas and large residential projects across India. What sets us apart is not just the product lineup but the way everything fits together as one ecosystem. Architects and developers work with us because they want solutions that look good, install cleanly and hold up over time.

All our hardware and software is built in India. This gives us full control over quality and lets us refine every part of the experience.

The installation doesn't require rewiring and the system scales easily from a single room to an entire home.

We have a focused R&D and product team that spends most of its time solving real problems homeowners face.

The goal is simple. Create devices that blend into interiors and a system that responds instantly without confusing the user.

Today, SmarDen powers thousands of homes. What matters to us is not the number, but the standard we maintain.

We want people to feel that their home is easier to live in because SmarDen is running quietly in the background.

 **10000+**
Homes Automated

 **300+**
Projects Across India

 **100%**
Retrofit Compatible

CERTIFICATES

SmarDen works in a space where reliability, safety and process discipline matter. Every product we build is expected to work inside real homes, commercial spaces and large residential projects, which is why our systems go through independent testing and formal certification.

We hold international and national certifications across environmental management, information security and process maturity. These aren't badges for display. They reflect the way we operate behind the scenes, controlled manufacturing, documented processes and a technical culture that doesn't cut corners.

Our certifications also validate that SmarDen products meet global expectations for safety and compliance. This includes how we design our hardware, how we secure data inside our platform and how we manage each stage of development.



ISO 14001:2015

Confirms that our development and manufacturing practices follow responsible environmental standards.

ISO 27001:2018

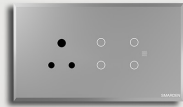
Ensures our information systems and data handling meet strict global security requirements.

CMMI Maturity Level 3

Recognizes that our development processes are consistent, disciplined and reliable at scale.

IEC Registration

Certifies SmarDen for legally compliant import and export of electronic components and products.



CONTENTS

01. Touch Switch Boards

2M
4M
6M
8M
12M

02. Smart Door Locks

No Handle Bolt Lock
Glass Door Lock
Single bolt lock
3 Bolt Lock
Face ID Lock
Bedroom Locks
Smart door Lock Gateway

03. Smart Screens

4 Inch Screen
8 Inch Screen

04. Sensors

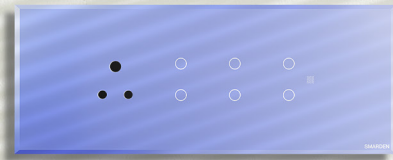
Motion Sensor (PIR & Microwave)
Door/window Sensor
Wardrobe Sensor
IR Blaster

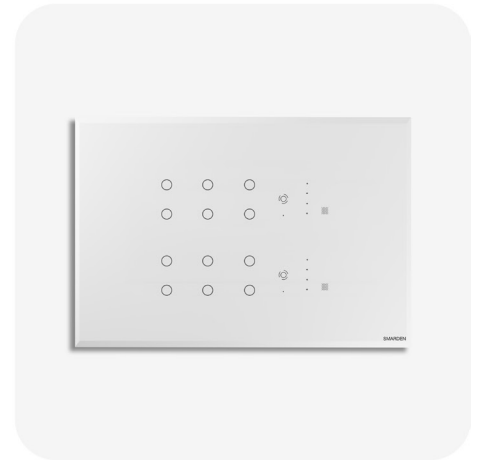
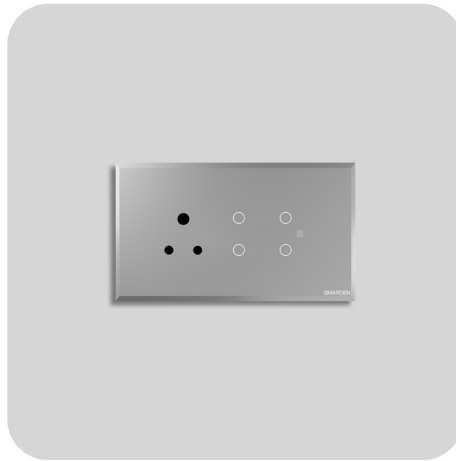
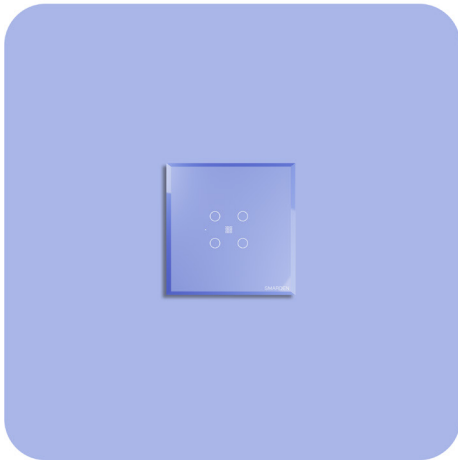
05. Drivers & Scene Switch

Knob Controller
12 Scene Controller
7-12W Driver
12-18W Driver
18-24W Driver
Multimode Gateway

06. Curtain Motor

WiFi Motor
Non-WiFi Motor





TOUCH SWITCH BOARDS

SmarDen touch switch boards are designed to upgrade the look and feel of any home. Each panel is crafted from high-quality acrylic or tempered glass, giving it a smooth, modern finish that fits naturally into contemporary interiors. The interface responds instantly, the lighting is subtle, and the entire system works without changing your existing wiring.

You can customise colours, layouts and icons to match your space, whether you prefer a minimal aesthetic or a bold highlight on the wall. The switches integrate seamlessly with app and voice control, so you can manage your home the way you prefer. Built with solid hardware and long-term stability in mind, every unit is engineered to stay reliable for years.



App Control



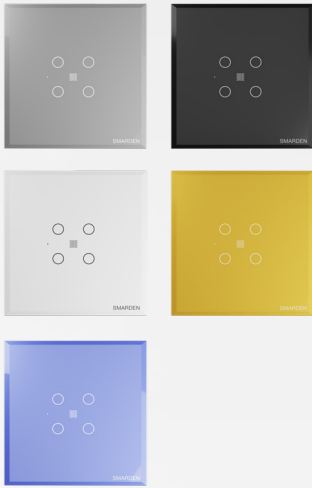
Voice Control



Customizable

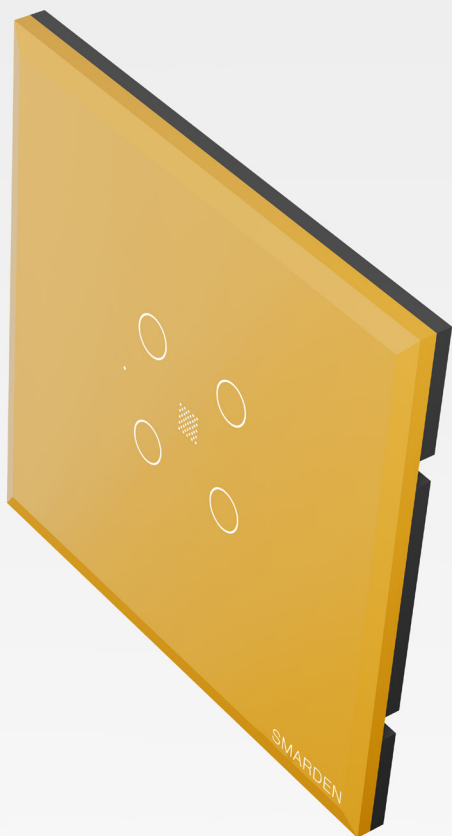


5 Years Warranty



2 MODULE





4 Switch



6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
4	-	-	-	-	-	-	7850	8120	8560	8840

2 Switch



6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
2	-	-	-	-	-	-	6220	6500	6940	7220

2 Heavy Switch



6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
-	2	-	-	-	-	-	6770	7050	7490	7770

1 Curtain



6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
-	-	-	-	-	1	-	6360	6640	7080	7350

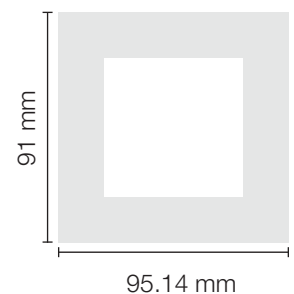
2 Curtain

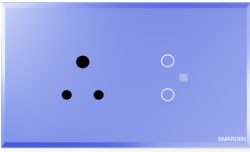
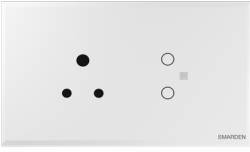
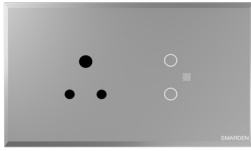
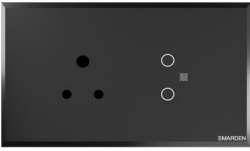


6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
-	-	-	-	-	2	-	7020	7290	7740	8010

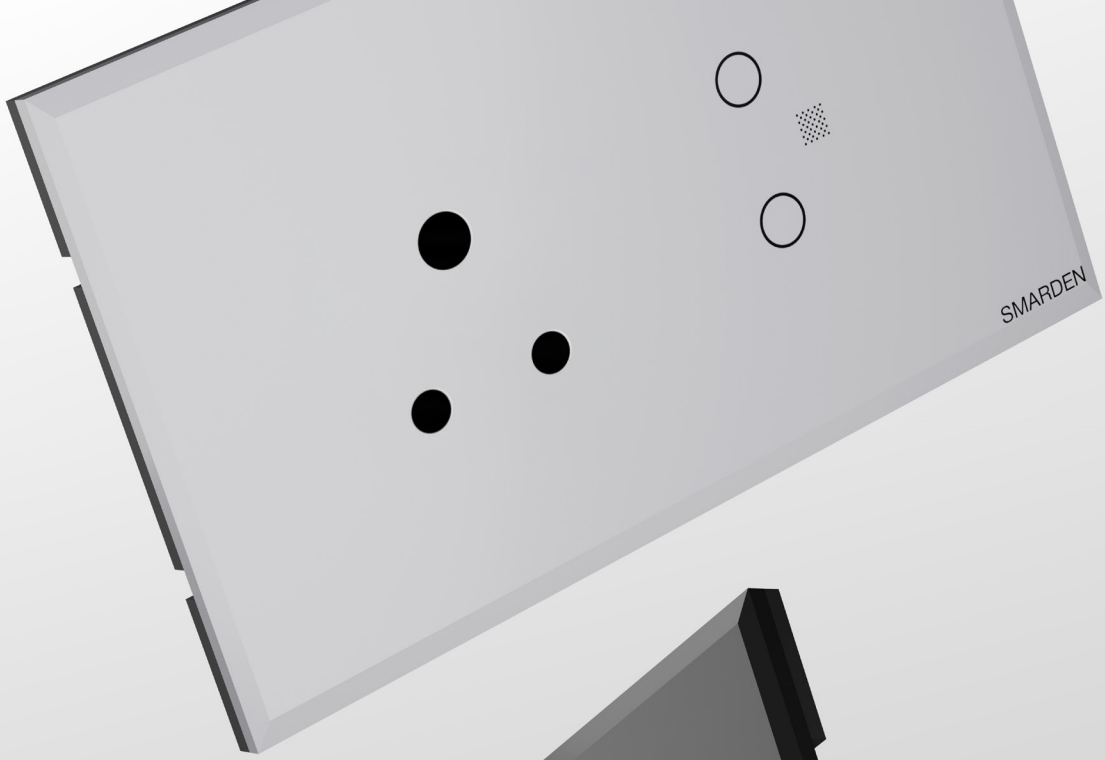
TECHNICAL SPECIFICATIONS

- Operating Voltage: 230 V AC
- Technology: Cap Sense 1 Million Touch capacity
- Load: 6 AMP Load Max current per load
- Operating environment Temperature: 0 to 45 C Ambient
- Operating Humidity: 5% to 90% RH
- Load Type: CFL, LED Light, Tube Light, Resistive Load, Wired incandescent Lighting
- Heavy: 16AMP for Air conditioner, water geyser





4 MODULE

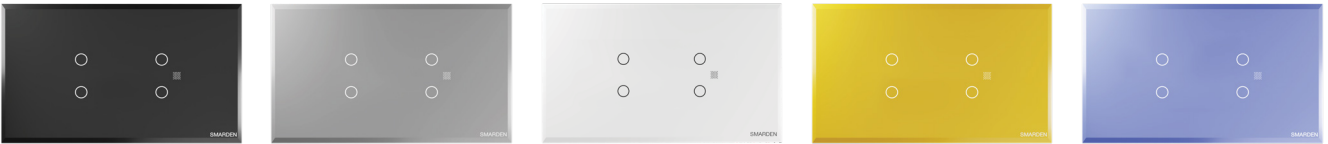


2 Switch 1 Socket



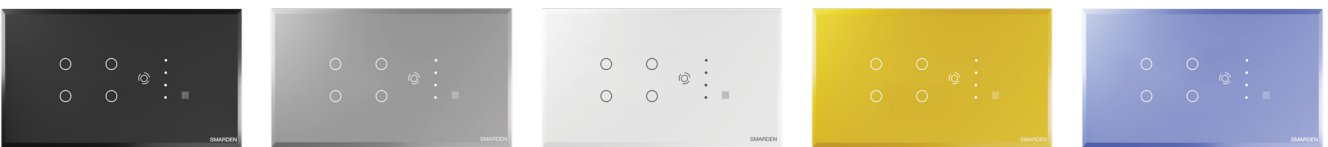
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
2	-	-	1	-	-	-	6700	7120	7670	8080

4 Switch



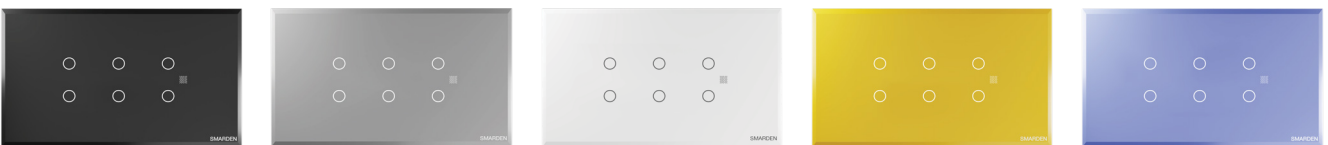
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
2	1	1	-	-	-	-	8540	8950	9500	9920

4 Switch 1 Fan



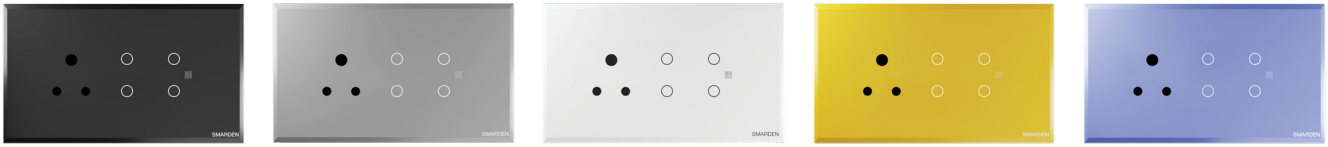
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
2	1	1	-	-	-	1	10870	11280	11830	12250

6 Switch



6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
4	1	1	-	-	-	-	10510	10920	11470	11890

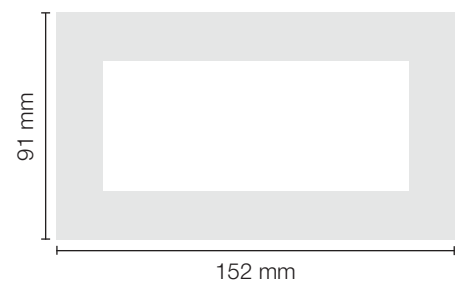
4 Switch 1 Socket

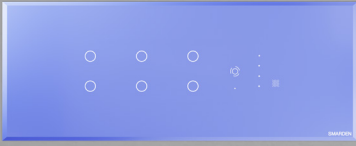
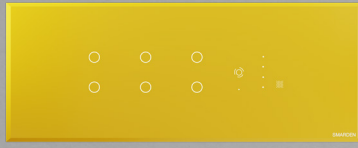
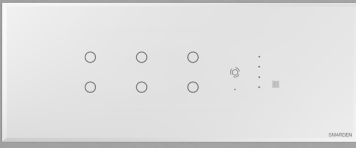
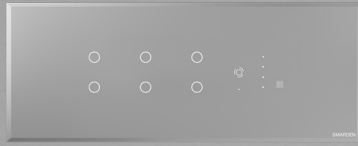
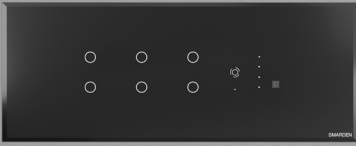


6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
4	-	-	1	-	-	-	8310	8740	9300	9710

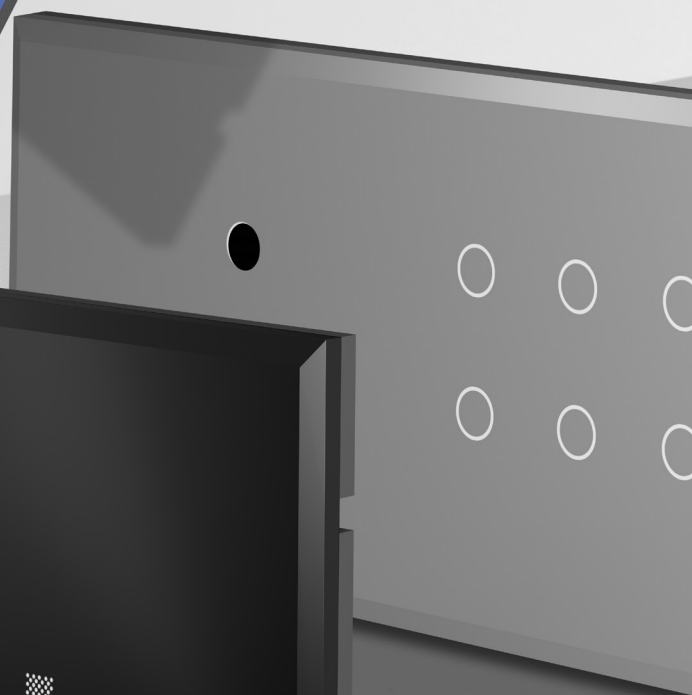
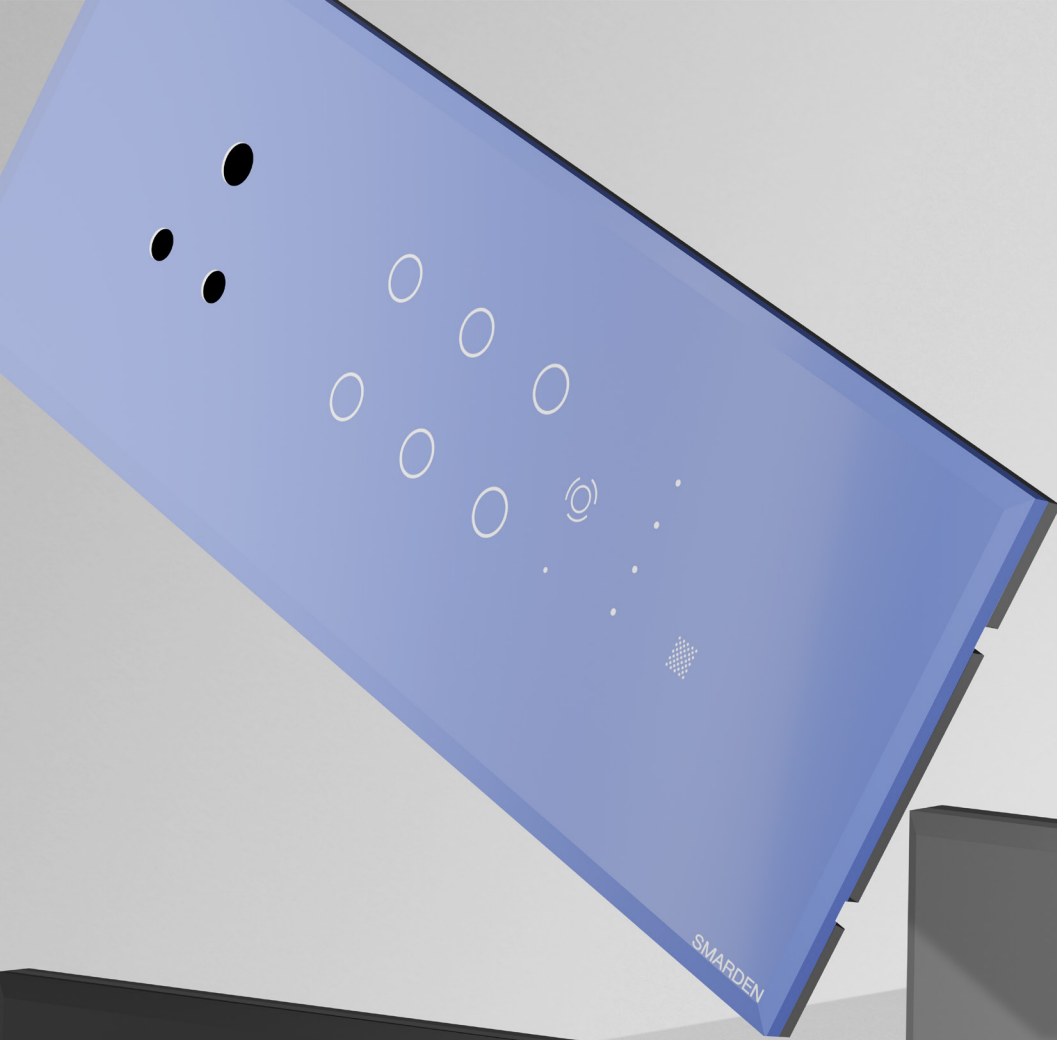
Technical Specifications

- Operating Voltage: 230 V AC
- Technology: Cap Sense 1 Million Touch capacity
- Load: 6 AMP Load Max current per load
- Operating environment Temperature: 0 to 45 C Ambient
- Operating Humidity: 5% to 90% RH
- Load Type: CFL, LED Light, Tube Light, Resistive Load, Wired incandescent Lighting
- Heavy: 16AMP for Air conditioner, water geyser



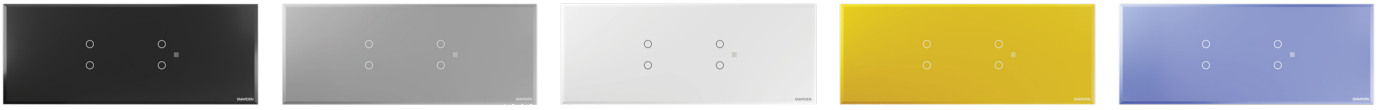


6 MODULE



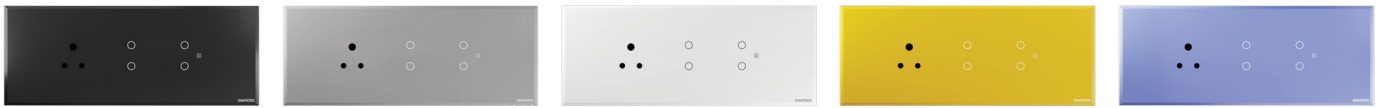
SMARDEN

4 Switch



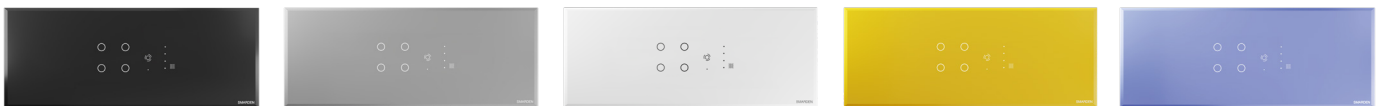
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
2	1	1	-	-	-	-	8810	9360	10050	11300

4 Switch 1 Socket



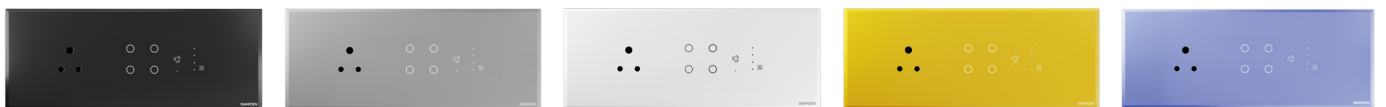
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
2	1	1	1	-	-	-	9090	9640	10330	11570

4 Switch 1 Fan



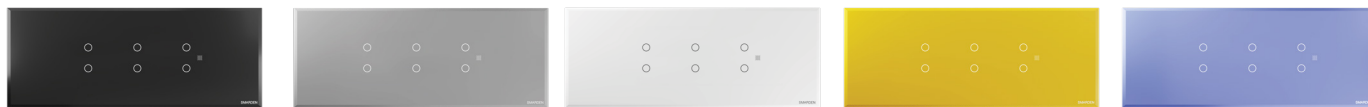
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
2	1	1	-	-	-	1	11140	11700	12390	13630

4 Switch 1 Fan 1 Socket



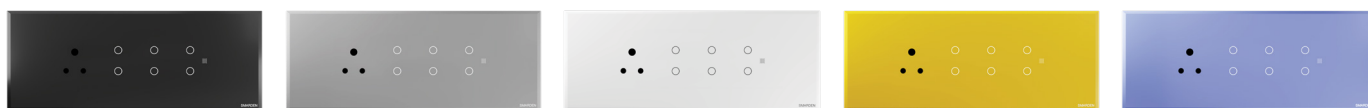
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
2	1	1	1	-	-	1	11420	11970	12660	13900

6 Switch



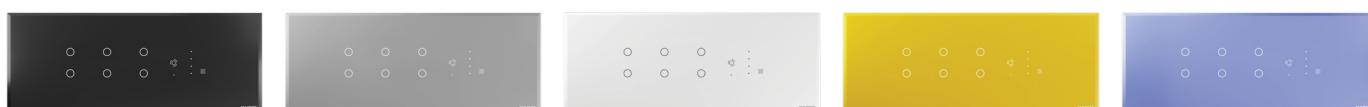
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
4	1	1	-	-	-	-	10780	11330	12020	13270

6 Switch 1 Socket



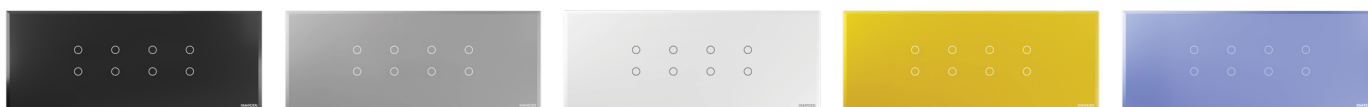
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
4	1	1	1	-	-	-	11060	11610	12300	13540

6 Switch 1 Fan



6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
4	1	1	-	-	-	1	13250	13800	14490	15740

8 Switch



6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
6	1	1	-	-	-	-	12750	13300	13990	15240

2 Switch 2 Socket



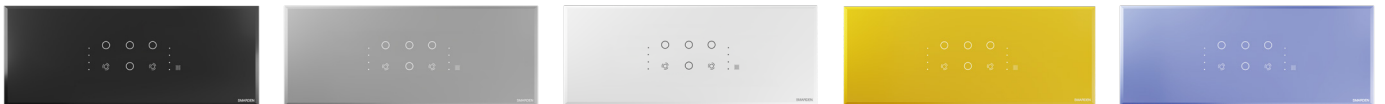
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
2	-	-	2	-	-	-	7260	7810	8500	9740

4 Switch 2 Socket



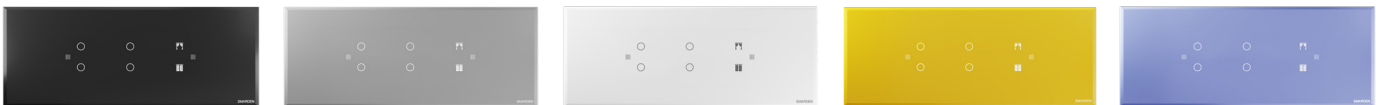
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
4	-	-	2	-	-	-	9360	9920	10610	11850

4 Switch 2 Fan



6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
2	1	1	-	-	-	2	13470	14030	14720	15960

4 Switch 1 Curtain



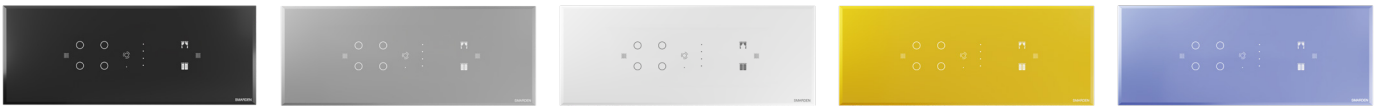
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
2	1	1	-	-	1	-	14480	15030	15720	16970

4 Switch 2 Curtain



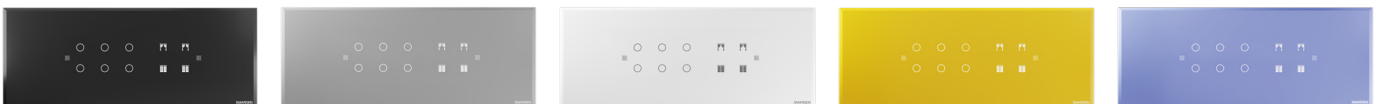
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
2	1	1	-	-	2	-	15140	15690	16380	17620

4 Switch 1 Fan 1 Curtain



6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
2	1	1	-	-	1	1	16810	17360	18050	19300

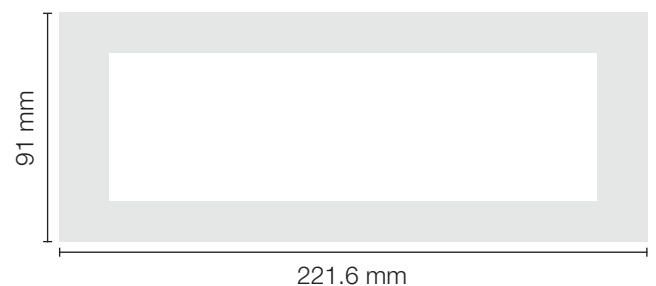
6 Switch 2 Curtain

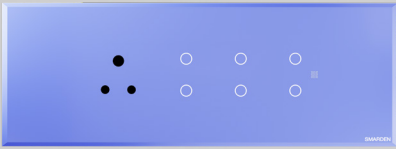
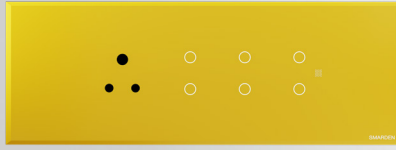
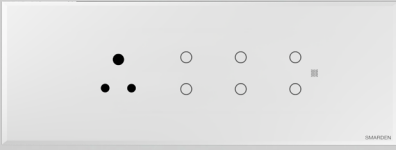


6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
4	1	1	-	-	2	-	17710	17660	18350	19590

Technical Specifications

- Operating Voltage: 230 V AC
- Technology: Cap Sense 1 Million Touch capacity
- Load: 6 AMP Load Max current per load
- Operating environment Temperature: 0 to 45 C Ambient
- Operating Humidity: 5% to 90% RH
- Load Type: CFL, LED Light, Tube Light, Resistive Load, Wired incandescent Lighting
- Heavy: 16AMP for Air conditioner, water geyser





8 MODULE

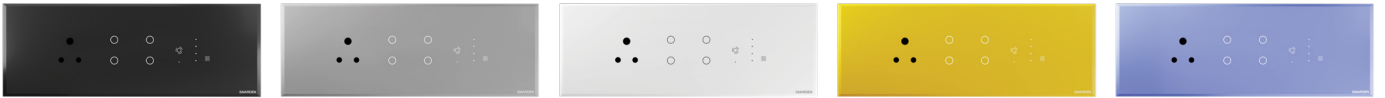


2 Switch 2 Socket



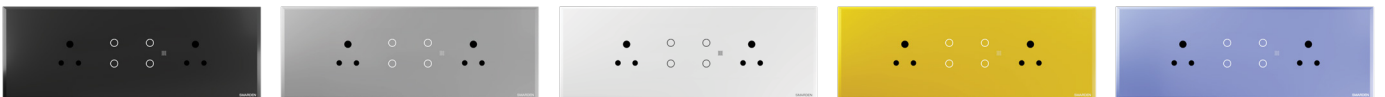
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
2	-	-	2	-	-	-	7740	8490	9120	9870

4 Switch 1 Fan 1 Socket



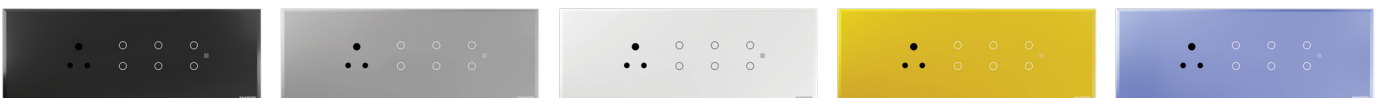
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
2	1	1	1	-	-	1	11900	12650	13280	14030

4 Switch 2 Socket



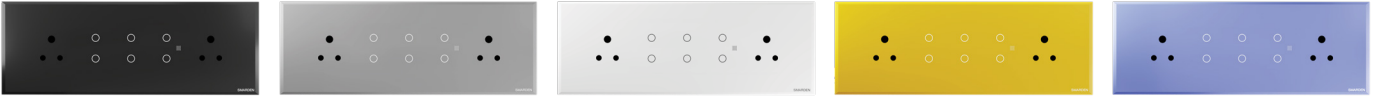
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
2	1	1	2	-	-	-	9850	10590	11230	11970

6 Switch 1 Socket



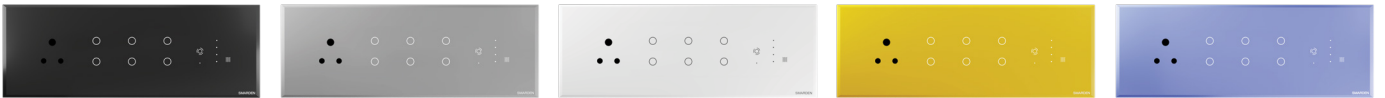
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
4	1	1	1	-	-	-	11540	12290	12920	13670

6 Switch 2 Socket



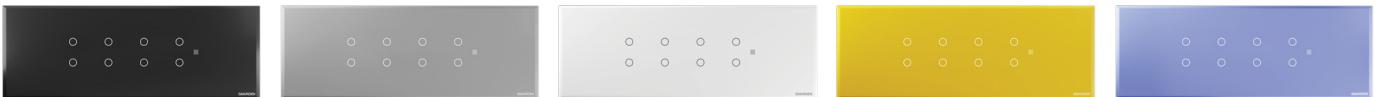
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
4	1	1	2	-	-	-	11820	12560	13200	13940

6 Switch 1 Fan 1 Socket



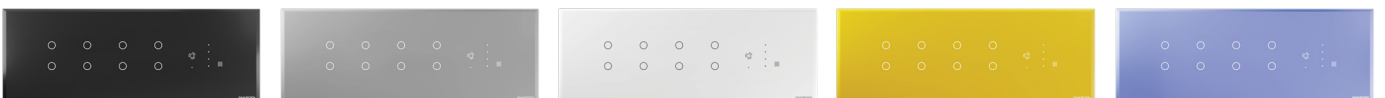
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
4	1	1	1	-	-	1	14010	14760	15390	16140

8 Switch



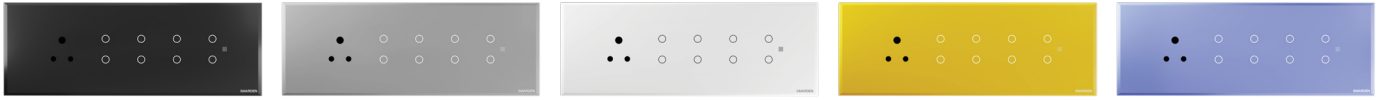
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
8	1	1	-	-	-	-	13230	13980	14610	15360

8 Switch 1 Fan



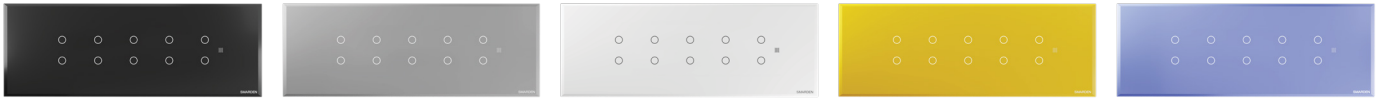
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
8	1	1	-	-	-	1	14810	15550	16190	16930

8 Switch 1 Socket



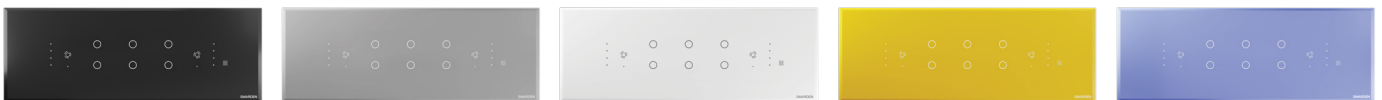
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
6	1	1	1	-	-	-	13510	14260	14890	15640

10 Switch



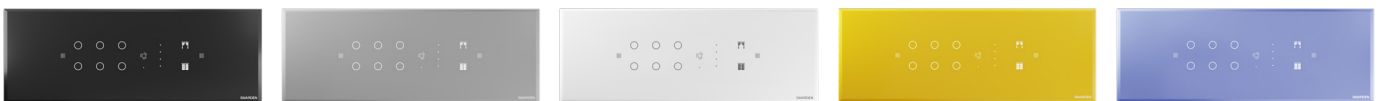
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
8	1	1	-	-	-	-	15200	15950	16580	17330

6 Switch 2 Fan



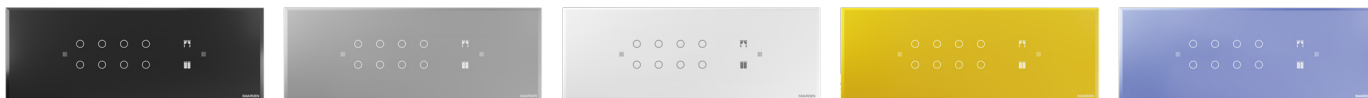
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
4	1	1	-	-	-	2	15930	16670	17310	18050

6 Switch 1 Fan 1 Curtain



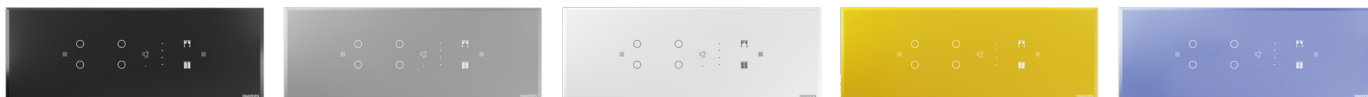
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
4	1	1	-	-	1	1	19400	20150	20780	21530

8 Switch 1 Curtain



6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
6	1	1	-	-	1	-	18900	19650	20280	21030

4 Switch 1 Fan 1 Curtain



6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
2	1	1	-	-	1	1	17290	18040	18680	19420

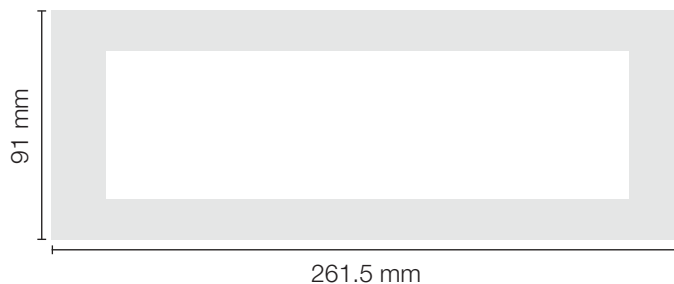
4 Switch 2 Fan 1 Curtain

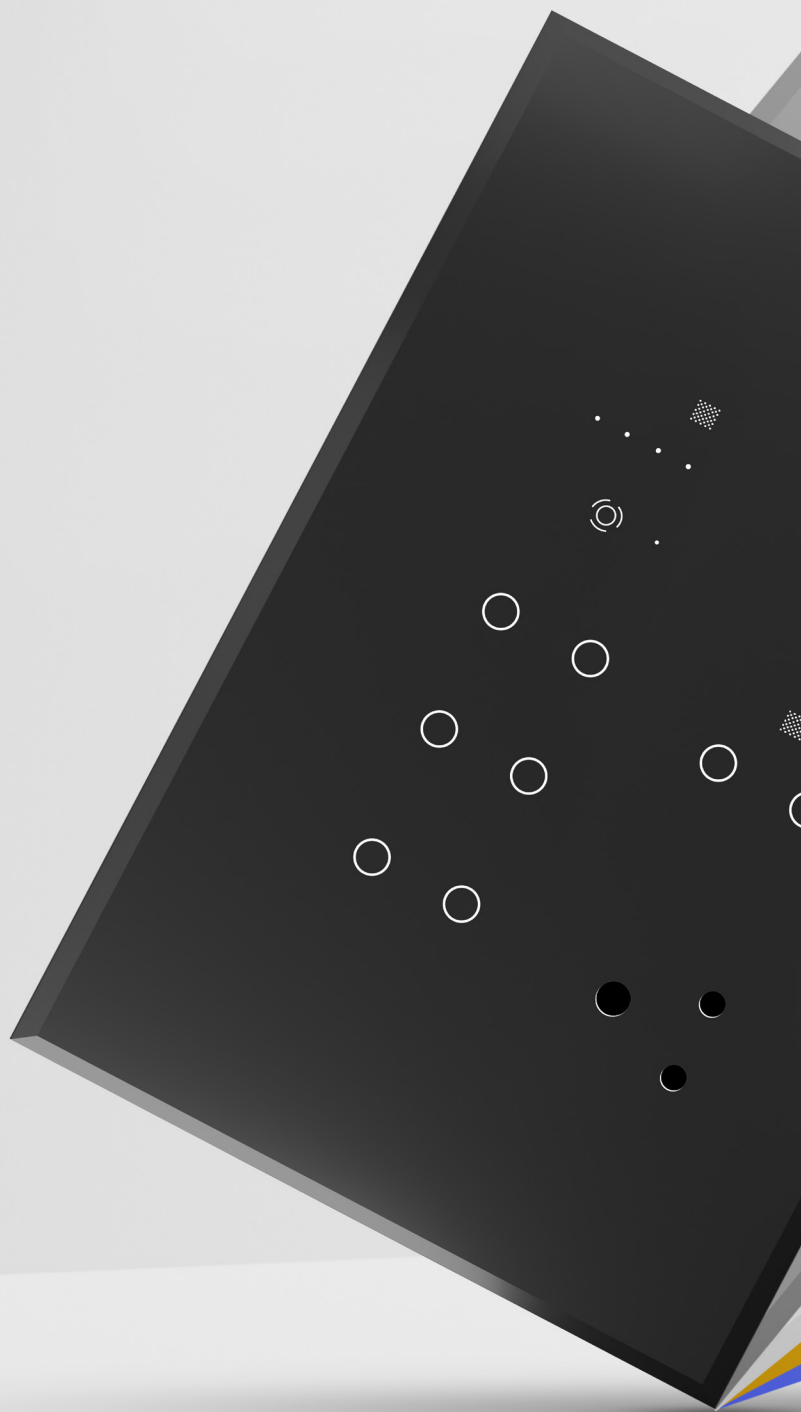
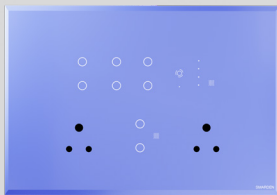
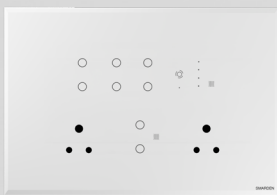
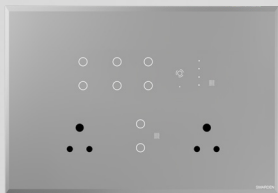
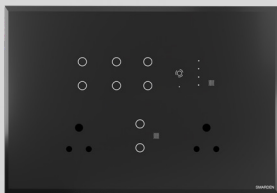


6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
2	1	1	-	-	1	2	19630	20370	21010	21750

Technical Specifications

- Operating Voltage: 230 V AC
- Technology: Cap Sense 1 Million Touch capacity
- Load: 6 AMP Load Max current per load
- Operating environment Temperature: 0 to 45 C Ambient
- Operating Humidity: 5% to 90% RH
- Load Type: CFL, LED Light, Tube Light, Resistive Load, Wired incandescent Lighting
- Heavy: 16AMP for Air conditioner, water geyser





12 MODULE



4 Switch 1 Fan 2 Socket



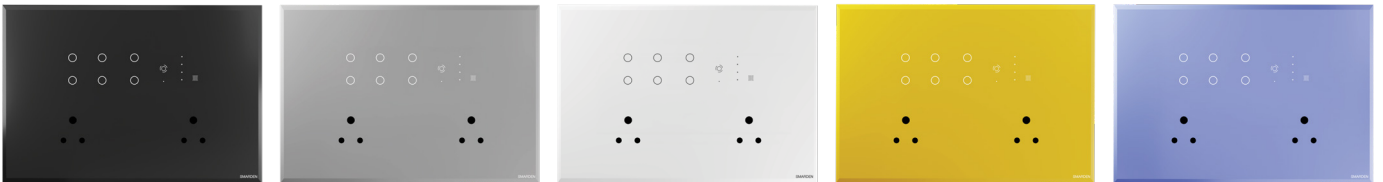
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
2	1	1	2	-	-	1	12870	13970	14940	16040

4 Switch 2 Fan 2 Socket



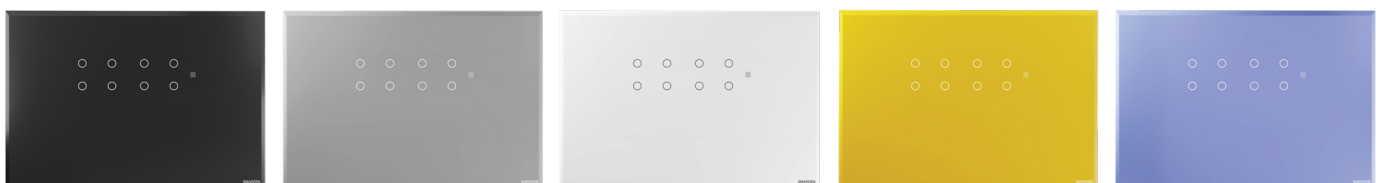
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
2	1	1	2	-	-	2	15200	16300	17270	18370

6 Switch 1 Fan 2 Socket



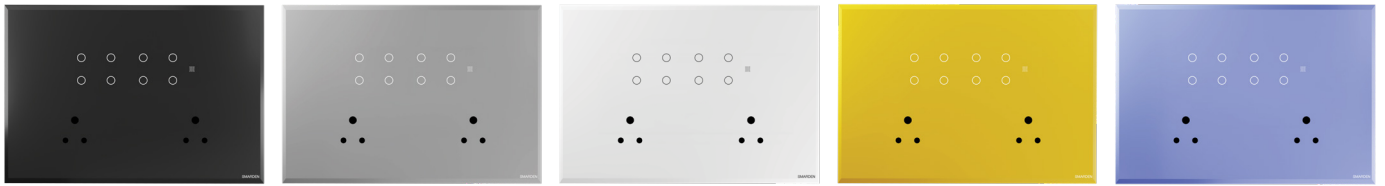
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
4	1	1	-	-	-	1	14980	16080	17050	18150

8 Switch



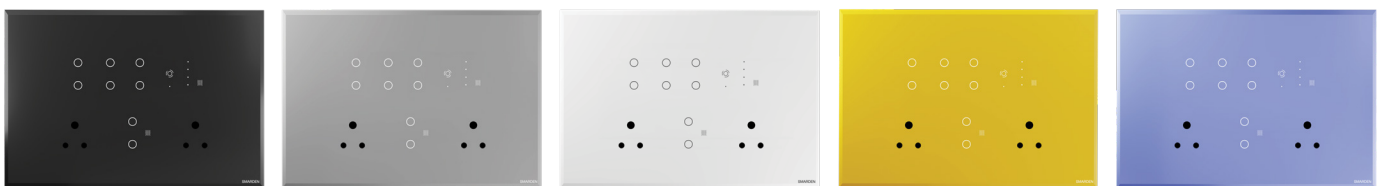
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
6	1	1	-	-	-	-	13920	15030	16000	17100

8 Switch 2 Socket



6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
6	1	1	2	-	-	-	14480	15580	16550	17650

8 Switch 1 Fan 2 Socket



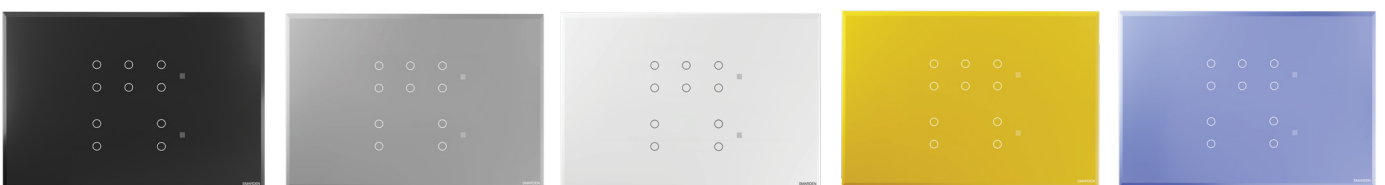
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
4	2	2	2	-	-	1	20510	21610	22580	23680

8 Switch 2 Fan 2 Socket



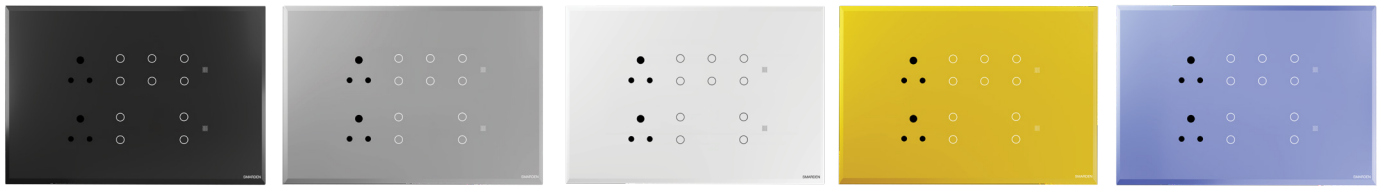
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
4	2	2	2	-	-	2	22840	23940	24910	26010

10 Switch



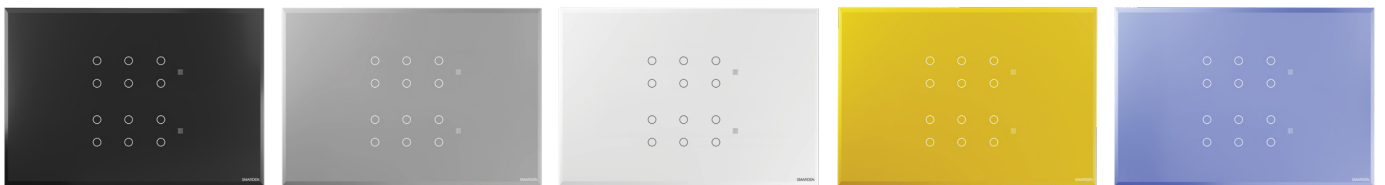
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
6	2	2	2	-	-	-	19590	20700	21660	22770

10 Switch 2 Socket



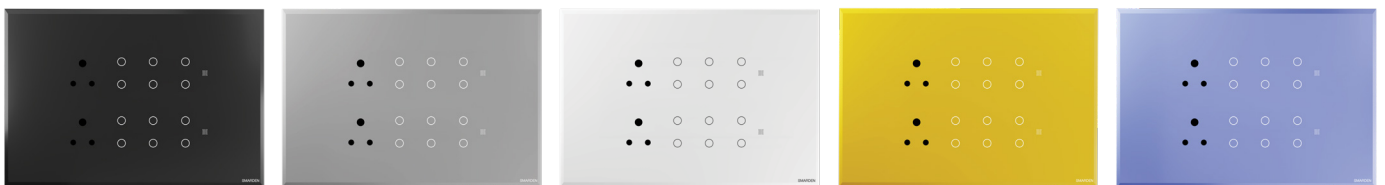
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
6	2	2	2	-	-	2	20150	21250	22220	23320

12 Switch



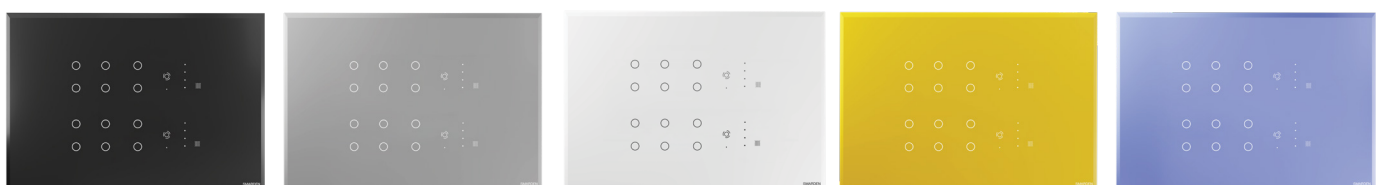
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
8	2	2	-	-	-	-	21560	22670	23630	24740

12 Switch 2 Socket



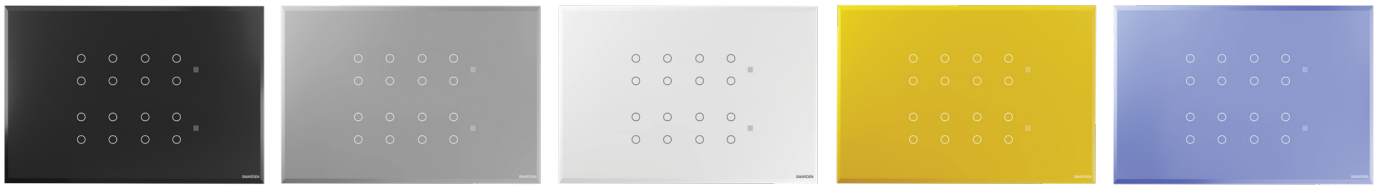
6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
8	2	2	2	-	-	-	22120	23220	24190	25290

12 Switch 2 Fan



6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
8	2	2	-	-	-	2	26500	27610	28570	29680

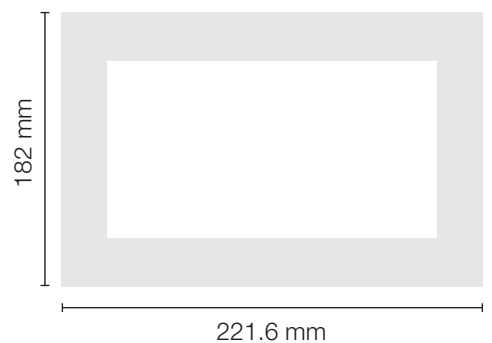
16 Switch



6A Switch	16A Switch	2-Way Switch	6A Socket	16A Socket	Curtain	Fan	Acrylic MRP	Acrylic Edge MRP	Glass MRP	Glass Edge MRP
12	2	2	-	-	-	-	25500	26610	27570	28680

Technical Specifications

- Operating Voltage: 230 V AC
- Technology: Cap Sense 1 Million Touch capacity
- Load: 6 AMP Load Max current per load
- Operating environment Temperature: 0 to 45 C Ambient
- Operating Humidity: 5% to 90% RH
- Load Type: CFL, LED Light, Tube Light, Resistive Load, Wired incandescent Lighting
- Heavy: 16AMP for Air conditioner, water geyser







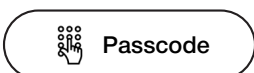
SMART DOOR LOCKS

SmarDen smart door locks are designed to make access to your home simpler and more secure. Built with solid materials and precision hardware, they replace traditional locks without changing the way your door is built. Lock and unlock your door through the app, set access for family or guests, or use secure physical and digital methods depending on your preference.

Each lock is engineered for daily use and long-term reliability. The design stays clean and minimal, while the technology works quietly in the background. Whether it's an apartment or a villa, SmarDen smart door locks add a layer of security that feels effortless, not intrusive.



App Control



Passcode



Fingerprint



Face Recognition



Auto Lock



NO HANDLE BOLT LOCK

This no handle bolt lock is designed for everyday security with flexible access options. It supports multiple unlocking methods including fingerprint, password, card access, mobile app control, and a mechanical key for backup.

Unlocking is quick, typically within 1 to 1.5 seconds, and the system supports virtual passwords for added safety during keypad use. With support for up to 300 users and separate administrator access, it works well for homes, rental properties, and small commercial spaces.

Features

Features	Details
Access Methods	Fingerprint, Password, Card, SmarDen App, Mechanical Key
Virtual Password	Supported
User Capacity	Up to 300 users
Administrator Access	Up to 9 administrator accounts
Usage Type	Homes, rental properties, small commercial spaces

Sizes and Mortise Details

Parameter	Specification
Door Thickness	35–55 mm
Mortise Type	60 / 70 mm adjustable deadbolt
Door Compatibility	Standard wooden doors

Important Parameters

Parameter	Specification
Material	Aluminum Alloy, ABS, Acrylic
Available Colors	Black, Grey, Nickel
Communication	BLE
Keypad Type	12-digit touch keypad
Power Supply	DC 6V (4 × AA alkaline batteries)
Battery Life	Up to 7,000 unlocks (10–12 months)
Static Current	< 50 μA
Dynamic Current	< 200 mA
Working Temperature	–20°C to 50°C
Working Humidity	10% – 95%
Product Weight	1.2 kg
Product Dimensions	22.5 × 20.5 × 8.5 cm



MRP: 21900



GLASS DOOR LOCK

This glass door lock is designed for frameless glass doors where clean installation and minimal hardware matter. It delivers secure, keyless access without drilling or damaging the glass, making it suitable for modern homes, offices, hotels, and commercial spaces.

Fingerprint recognition is fast and reliable, unlocking in under **0.3 seconds**, while multiple access options keep daily use flexible. The system supports up to 100 fingerprints, 100 PINs, 100 cards, **5 administrator accounts** and includes 3 mechanical keys for backup access.

Features

Features	Details
Access Methods	Fingerprint, Password, Card, SmarDen App, Mechanical Key
Fingerprint Recognition Speed	≤ 0.3 seconds
Error Rate	≤ 0.0001%
Usage Type	Frameless glass doors for residential and commercial spaces

Sizes and Door Details

Parameter	Specification
Applicable Door Type	Glass door
Door Style	Frameless glass door
Door Thickness	10–12 mm
Door Gap	4–8 mm
Mortise Type	Hook mortise
Installation	No drilling required

Important Parameters

Parameter	Specification
Material	Zinc aluminum alloy
Available Colors	Black
Keypad Type	12-digit touch keypad
Card Type	M1 IC / NFC
Connection Mode	Bluetooth
Power Supply	DC 6V (4 × AA alkaline batteries)
Emergency Power Supply	USB (Type-C / Micro USB, for emergency use)
Battery Life	Approx. 12,000 normal unlock cycles
Static Power Consumption	< 200 mA
Working Temperature	–20°C to 60°C
Working Humidity	10% – 95%
Product Weight	1.2 kg
Product Dimensions	Front unit 185 × 70 × 35 mm; side depth 25 mm (front) and 40 mm (back)

MRP: 25900



SINGLE BOLT LOCK

This single bolt lock is designed for compact doors where space is limited but security still matters. It offers keyless access in a clean, minimal form factor and installs easily without heavy modification, making it a practical choice for apartments, internal doors, rental properties, and light commercial use.

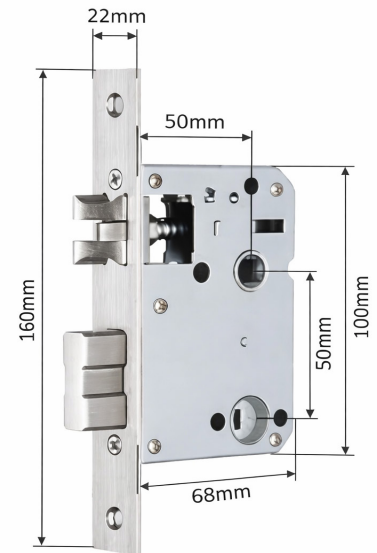
Unlocking is fast and reliable, with fingerprint recognition in under **0.5 seconds**. Multiple access methods make everyday use flexible, while app-based control keeps access management simple. The lock is built to handle daily use and outdoor conditions with confidence.

Features

Features	Details
Access Methods	Fingerprint, Password, Card, SmarDen App, Mechanical Key
Fingerprint Recognition Speed	< 0.5 seconds
Fingerprint Accuracy	FAR < 0.01%, FRR < 0.01%
Waterproof Rating	IP65
Usage Type	Apartments, internal doors, rental and light commercial spaces
User Capacity	Up to 100 users

Sizes and Door Details

Parameter	Specification
Applicable Door Type	Glass door
Door Style	Frameless glass door
Door Thickness	Below 35 mm
Mortise Size	22 x 160 mm (5050 mortise) SS304
Mortise Compatibility	Suitable for standard lock mortise types
Door Compatibility	Slim and standard doors



Important Parameters

Parameter	Specification
Material	Zinc alloy and stainless steel
Panel Construction	Aluminum alloy body with tempered glass panel
Connection Mode	Bluetooth
Power Supply	1.5V dry batteries (4 x AAA)
Emergency Power Option	External power via mobile charging bank (Micro USB)
Fingerprint Capacity	Up to 100
PIN Capacity	Up to 100
IC Card Capacity	Up to 100
Manual Key Capacity	2 keys
Working Temperature	-20°C to 60°C
Working Humidity	10% - 95%
Product Weight	Approx. 2.0 kg
Product Dimensions	Front unit 70 x 65 mm; rear unit 70 x 65 mm

MRP: 17449



3 BOLT LOCK

This 3 bolt lock is built for doors that need stronger physical security. It supports multiple unlocking methods including fingerprint, password, card access, mobile app control, and a mechanical key for backup.

Fingerprint unlocking is quick, typically under 0.5 seconds, and the reinforced 3-bolt mortise provides improved resistance against forced entry. With support for up to 100 users per access method and emergency power via Micro USB, it is well suited for main doors in apartments and independent homes.

Features

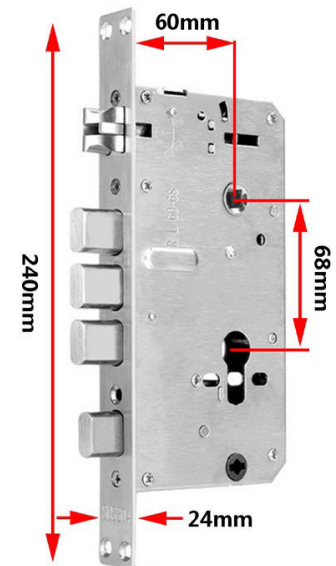
Features	Details
Access Methods	Fingerprint, Password, Card, SmarDen App, Mechanical Key
User Capacity	Fingerprint: 100, PIN: 100, IC Card: 100
Recognition Speed	≤ 0.5 seconds
Fingerprint Accuracy	FAR < 0.01%, FRR < 0.01%
Usage Type	Main doors, apartments, independent homes

Sizes and Door Details

Parameter	Specification
Door Thickness	≥ 35 mm
Mortise Type	3-bolt lock body
Door Compatibility	Wooden doors, metal doors
Mortise Type	3-bolt lock body
Mortise Size	6068 (24 × 240 mm) SS304
Door Compatibility	Wooden doors, metal doors

Important Parameters

Parameter	Specification
Material	Zinc Alloy + Stainless Steel
Connection Mode	Bluetooth
Communication	Wi-Fi
Keypad Type	12-digit touch keypad
Power Supply	DC 6V (4 × AA alkaline batteries)
Emergency Power	Micro USB
Operating Temperature	-40°C to 60°C
Working Humidity	20%–90% RH
Working Temperature	-20°C to 50°C
Dynamic Current	≤ 300 mA
Product Weight	Approx. 2.0 kg
Product Dimensions	370 × 75 × 25 mm



MRP: 28500



FACE ID LOCK

A premium smart door lock with 6 unlocking methods including face recognition, fingerprint, PIN, card, app control, and mechanical key. It supports up to 300 users, with 100 face users and 100 fingerprint users, making it suitable for families and multi-user homes.

Built with a zinc alloy and stainless steel body, it runs on Wi-Fi + Bluetooth, uses a lithium battery (4.5V–6V) with Micro USB emergency power, supports door thickness above 35 mm, uses a 6068 mortise, and weighs approximately 5 kg.

Features

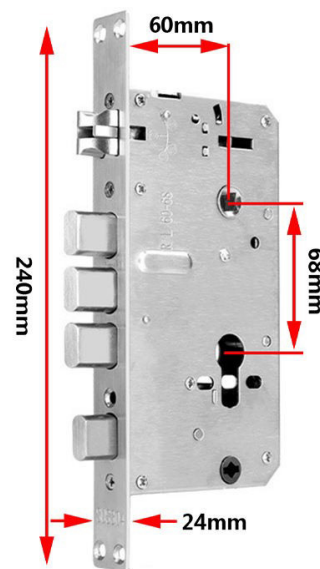
Features	Details
Access Methods	Face Recognition, Fingerprint, PIN, IC Card, SmarDen App, Mechanical Key
Display	Rear display, 3.5 inches
Total User Capacity	Up to 300 users
Recognition Distance	30–80 cm
Usage Type	Homes, villas, premium apartments, secure entry doors

Sizes and Door Details

Parameter	Specification
Door Thickness	38–110 mm
Mortise Type	6068 SS304 mortise
Mortise Compatibility	Supports standard full-size mortise locks
Mortise Type	3-bolt lock body
Mortise Size	6068 (22 × 240 mm)
Door Compatibility	Wooden doors, security doors, metal doors

Important Parameters

Parameter	Specification
Material	Zinc Alloy + Stainless Steel
Connection Mode	Wi-Fi + Bluetooth
Keypad Type	12-digit touch keypad
Power Supply	6.8V–8.4V lithium battery
Emergency Power	Micro USB
Operating Temperature	–20°C to 70°C
Working Humidity	Up to 80% RH
Recognition Accuracy	Low false recognition and rejection rates
Dynamic Current	≤ 300 mA
Product Weight	Approx. 5 kg
Product Dimensions	Height 435 mm, Width 72 mm
Manual Key	2 keys



MRP: 44000



BEDROOM DOOR LOCK

A compact smart handle lock designed for bedrooms and interior doors, offering secure keyless access with a clean and minimal form. Suitable for apartments, rental homes, and private rooms where controlled access and simplicity matter.

The lock supports fingerprint, PIN, app-based control, and manual key access, with storage for up to 50 fingerprints and 50 PINs. Built with an aluminum alloy body in a black finish, it operates on Bluetooth, runs on 4 AAA batteries, and includes a Micro USB emergency power option for backup access.

Features

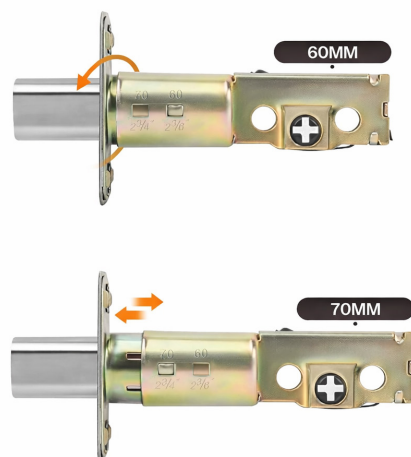
Features	Details
Access Methods	Fingerprint, PIN, SmarDen App, Mechanical Key
Fingerprint & Pin	Up to 50 Fingerprint and Up to 50 Pins
Unlock Speed	< 1 second
Fingerprint Sensor	Semiconductor
Usage Type	Bedrooms, apartments, Airbnb, interior doors

Sizes and Door Details

Parameter	Specification
Door Thickness	35–55 mm
Mortise Type	Standard adjustable 60 / 70 mm
Door Type	Wooden doors, steel interior doors
Mortise Type	3-bolt lock body

Important Parameters

Parameter	Specification
Material	Aluminum Alloy
Connection Mode	Bluetooth
Power Supply	4 × AAA batteries (not included)
Battery Standby	6–8 months
Emergency Power	Micro USB
Operating Temperature	–20°C to 60°C
Working Humidity	20% – 90% RH
Static Current	< 50 μA
Dynamic Current	< 180 mA
Product Weight	Approx. 1 kg
Product Dimensions	150 mm (W) × 65 mm (H)
Manual Key	2 keys



MRP: 15970



SMART LOCK GATEWAY

A compact gateway that bridges smart locks to the internet, enabling true remote access and centralized control. It quietly sits in the background, handling connectivity, security, and synchronization so your smart locks work reliably beyond Bluetooth range.

Designed for homes and modern living spaces where access control needs to be simple, secure, and always available.

Features

Features	Details
Remote Lock Control	Control and monitor smart locks from anywhere
Cloud-Based Operation	Real-time syncing of lock status and access records
Multi-Lock Support	Connect and manage multiple locks through one gateway
Digital Key Management	Create, share, edit, or revoke access remotely
Activity Logs	View detailed lock usage and access history
Secure Data Handling	Encrypted communication for safe operation

Sizes and Installation Details

Parameter	Specification
Product Size	60 × 61 × 15 mm
Mounting Type	Surface mounted
Power Requirement	USB powered
Installation Area	Near doors, bedside tables, desks, cabinets
Orientation	Vertical or horizontal

Important Parameters

Parameter	Specification
Network Connectivity	Wi-Fi + Bluetooth
Wi-Fi Standard	IEEE 802.11 b/g/n
Operating Frequency	2.4 GHz
Communication Method	Bluetooth to device, Wi-Fi to cloud
Power Input	DC 5V
Power Interface	Type-C USB
Operating Current	< 1A
Operating Temperature	-10°C to 55°C
Operating Humidity	10%–90% RH (non-condensing)
Working Humidity	10% to 90% RH (non-condensing)
Data Storage	Cloud
Security Encryption	AES 128-bit
Device Capacity	Supports up to 128 devices

MRP: 5000





SMART SCREENS

SmarDen smart screens are designed to give your home a dedicated, always-available control point. Mounted seamlessly on the wall, they bring lighting, climate, scenes, and connected devices into one clear interface that feels intuitive and intentional.

Built with high-quality displays and reliable hardware, these screens reduce dependency on mobile apps and make smart home control accessible to everyone in the house. The design stays minimal and modern, while the technology works quietly in the background. Whether in an apartment or a villa, SmarDen smart screens simplify daily interactions with your home without adding visual or operational clutter.



App Control



Touch Screen



Scenes



Centralized control



8-INCH SMART SCREEN

The 8-inch smart screen acts as a central wall-mounted control panel for your home. Designed for quick access and everyday use, it brings lighting, appliances, scenes, and connected devices into one clear, visual interface. Instead of relying only on phones, the screen gives you a fixed, always-available point of control.

With a responsive touch display and stable Wi-Fi connectivity, the screen fits naturally into modern living spaces. Its clean design works well in living rooms, bedrooms, and common areas, offering a simple way to manage your home without adding visual clutter.

Features

Features	Details
Display	8-inch multi-touch screen, 1280 × 800 resolution
Operating System	Android 8.1
User Interface	Touch screen + physical rotary control
Gateway Function	Can connect and manage 50+ sub-devices
Local Control	Supports local 2-way switch inputs
Audio Support	Built-in speaker output and media playback
Usage Type	Homes, apartments, villas, smart living spaces

Sizes and Installation Details

Parameter	Specification
Product Dimensions	250 × 133 × 11 mm
Wall Box Type	Standard single 86 / pair 86
Mounting Style	Wall mounted
Product Weight	1.5 kg

Important Parameters

Parameter	Specification
Processor	Quad-core Cortex, 1.5 GHz
RAM	2 GB
Storage	8 GB
Connectivity	Wi-Fi, Bluetooth, Zigbee
Wired Network	10M / 100M adaptive Ethernet
Wireless Protocols	Wi-Fi, Bluetooth, Zigbee
Power Input	AC 100–240V, 50/60Hz
Relay Output	Single channel, up to 2 × 200W
Audio Output	2 × (10–25W) / 4 × (10–25W max)
Frequency Range	20Hz – 20kHz
Signal-to-Noise Ratio	98 dB
Harmonic Distortion	0.03% (1W, 1kHz)
Operating Temperature	0°C to 40°C
Operating Humidity	5%–90% RH (non-condensing)

MRP: 70,000



4-INCH SMART SCREEN

The 4-inch smart screen is a compact, wall-mounted control panel designed for quick access and everyday automation. It brings lighting, scenes, and connected devices into a single, always-available interface, making control faster than relying only on mobile apps.

With a responsive touch display and stable wireless connectivity, it fits naturally into bedrooms, living spaces, and utility areas. Its minimal design keeps the wall clean while quietly handling control in the background, making smart living feel simple and unobtrusive.

Features

Features	Details
Display	4-inch capacitive multi-touch screen, 480 × 480 resolution
Operating System	Linux-based IoT OS
User Interface	Touch screen interface
Gateway Function	Built-in Zigbee gateway, supports multiple sub-devices
Microphone	Dual mic array with noise reduction
Audio Support	Built-in speaker for alerts and media
Usage Type	Homes, apartments, bedrooms, small living spaces

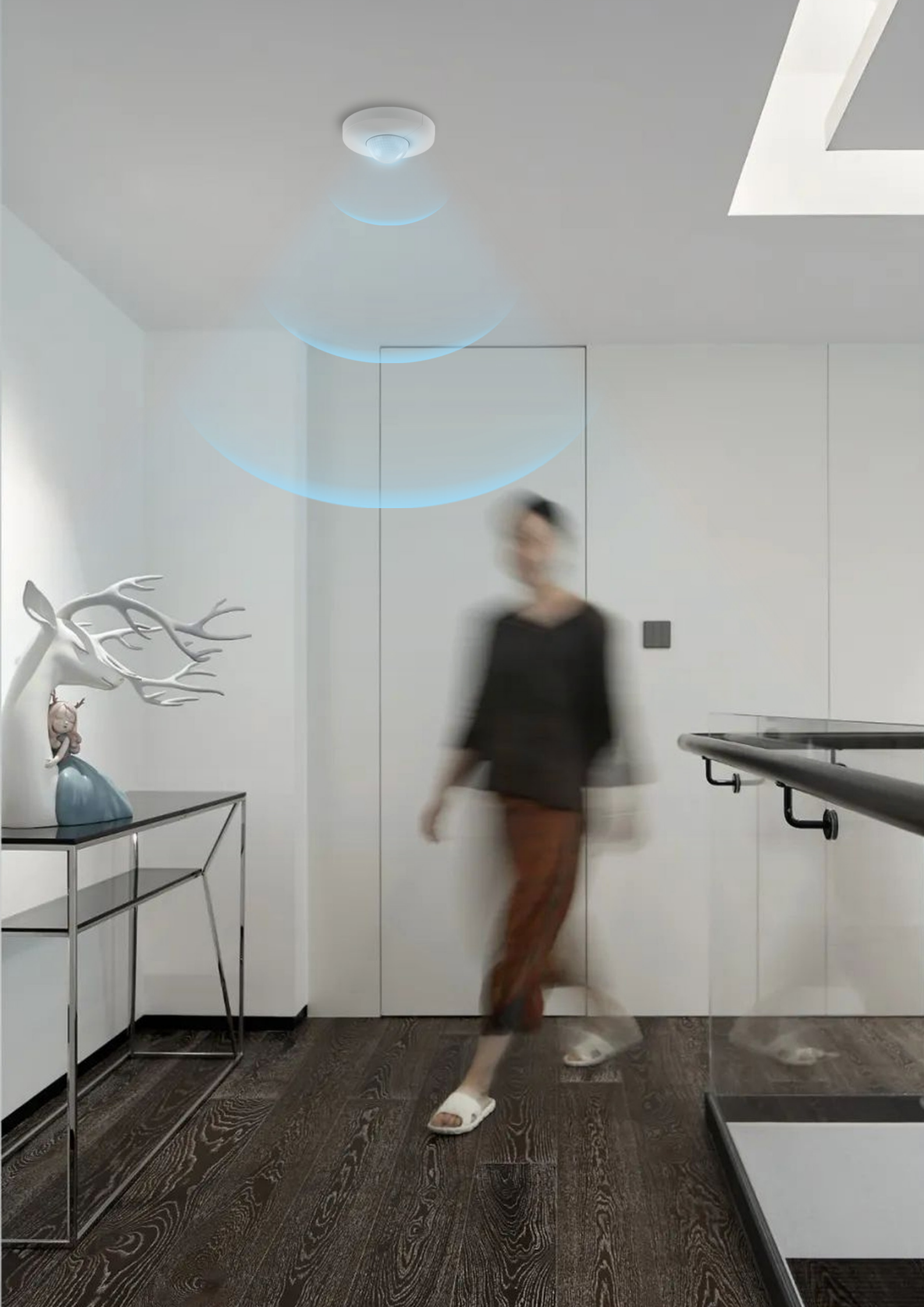
Sizes and Installation Details

Parameter	Specification
Front Panel Size	86 × 86 mm
Installation Depth	Approx. 25.8 mm
Wall Box Type	Standard 86 box
Mounting Style	Wall mounted

Important Parameters

Parameter	Specification
Processor	Quad-core ARM Cortex-A35, 1.5 GHz
Memory	Flash 56 MB + DDR 256 MB
Connectivity	Wi-Fi (2.4 GHz), Bluetooth, Zigbee
Wired Network	10M / 100M adaptive Ethernet
Power Input	AC 100–240V, 50/60Hz
Speaker Output	4–8 Ω
Frequency Range	20 Hz – 20 kHz
Signal-to-Noise Ratio	98 dB
Harmonic Distortion	≤ 0.03% (1W, 1 kHz)
Operating Temperature	0°C to 40°C
Operating Humidity	5%–90% RH (non-condensing)
Material	Plastic + Glass
Operating Temperature	0°C to 40°C
Application	Indoor use

MRP: 29,999

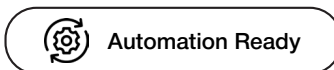
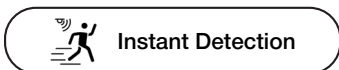




SMART SENSORS

Smart sensors add awareness to your home by responding to everyday actions in real time. Motion sensors detect presence, door and window sensors track openings and closures, and wardrobe sensors simply turn lights on and off as you access your storage. Everything works automatically, without requiring manual control.

Designed to stay discreet and reliable, SmarDen smart sensors integrate seamlessly with lighting and automation scenes across your home. They operate quietly in the background, improving convenience, safety, and efficiency while keeping the experience simple, intentional, and clutter-free.





MOTION SENSORS

SmarDen smart motion sensors are designed to make your home more responsive without demanding attention. Using precise infrared detection, the sensor automatically detects movement and triggers lighting or connected devices exactly when needed. It removes the need for manual switches while keeping control predictable and reliable.

Built for everyday use, the motion sensor works quietly in the background, adapting to different lighting conditions and movement patterns. Whether it's a hallway, bathroom, wardrobe area, or common space, it helps automate lighting in a way that feels natural, efficient, and unobtrusive.

Features

Features	Details
Sensor Type	Passive Infrared (PIR) motion sensor
Detection Coverage	360° full-area coverage
Detection Range	Up to 6 meters (adjustable)
Light Control	Automatic light on/off based on movement
Time Delay	Adjustable: 10s, 30s, 90s, 5min, 10min, 30min
Light Control	Automatic light on/off based on movement
Ambient Light Sensor	Adjustable 3–2000 LUX
Usage Type	Indoor lighting automation
Mounting Style	Surface wall or ceiling mounted

Sizes and Installation Details

Parameter	Specification
Product Size	Approx. 115 × 23 mm
Mounting Height	Recommended 2–4 meters
Installation Type	Surface mounted

Important Parameters

Parameter	Specification
Power Supply	220–240V AC, 50/60Hz
Rated Load	Max 1200W (Incandescent), 500W (LED)
Light Sensitivity	Adjustable 3–2000 LUX
Detection Distance	1–6 meters (adjustable)
Detection Angle	360°
IP Rating	IP20
Operating Temperature	–20°C to 40°C

PIR MOTION SENSORS

PIR motion sensors detect movement by sensing changes in infrared heat, commonly used to trigger lighting, automation, and security functions in indoor spaces.



SDS - 06

Parameter	Specification
Power Supply	220–240 V AC
Detection Angle	360°
Operating Temperature	-20°C to +40°C
Ambient Light	<10–2000 lux (adjustable)
Operating Humidity	<93% RH
Time Delay (min)	10 s ± 3 s
Installation Height	2.2–4 m
Time Delay (max)	7 min ± 2 min
Detection Speed	0.6 – 1.5 m/s
Rated Load	100 W (incandescent lamp) / 100 W (energy-saving lamp)
Detection Distance	Max. 6 m (at <24°C)

MRP: 850



SDS - 06B

Parameter	Specification
Power Supply	220–240V/AC
Detection Range	360°
Detecting distance	0-5m
Maximum Load	100 Watt
Load type	Incandescent lamp, LED light, CLF, fans, etc.
Installation Height	2.2–4 m
Ambient Light Sensitivity	3–2000 lux (adjustable)

MRP: 860



SDS - 07

Parameter	Specification
Power Supply	220–240 V AC
Power Frequency	50 / 60 Hz
Detection Angle	360°
Detection Distance	Max. 6 m (at <24°C)
Ambient Light Sensitivity	<3–2000 lux (adjustable)
Operating Temperature	-20°C to +40°C
Operating Humidity	<93% RH
Power Consumption	Approx. 0.5 W
Detection Speed	0.6–1.5 m/s
Time Delay (Minimum)	10 s ± 3 s
Time Delay (Maximum)	7 min ± 2 min
Rated Load	Max. 1200 W (incandescent lamp) / 300 W (energy-saving lamp)

MRP: 750

MICROWAVE MOTION SENSORS

Microwave motion sensors detect movement using high-frequency radio waves, offering wider coverage and reliable detection even through certain materials, making them suitable for indoor automation and lighting control.



SDS - M1

Parameter	Specification
Power Supply	220–240 V AC
Detection Angle	360°
Detection Distance	3–10 m (radius, adjustable)
Ambient Light Sensitivity	<10–2000 lux (adjustable)
Transmission Power	<10 mW
Installation Height	1.5–3.5 m
Time Delay (Minimum)	10 s ± 3 s
Time Delay (Maximum)	15 min ± 3 min
Rated Load	300 W (energy-saving lamp) / 1200 W (incandescent lamp)

MRP: 1290



SDS - M2

Parameter	Specification
Power Supply	220–240 V AC
Detection Angle	360° (ceiling) / 180° (wall)
Detection Distance	1–8 m (radius, adjustable)
Ambient Light Sensitivity	3–2000 lux (adjustable)
HF System	5.8 GHz CW radar (ISM band)
Installation Height	1.5–3.5 m
Time Delay (Minimum)	10 s ± 3 s
Time Delay (Maximum)	15 min ± 3 min
Rated Load	300 W (energy-saving lamp) / 1200 W (incandescent lamp)

MRP: 1290



SDS - M3

Parameter	Specification
Power Supply	220 V AC
Power Frequency	50 Hz
Detection Angle	360°
Detection Distance	1–8 m (radius)
Ambient Light Sensitivity	3–2000 lux (adjustable)
HF System	5.8 GHz CW radar (ISM band)
Transmission Power	<10 mW
Installation Height	1.5–3.5 m
Power Consumption	Approx. 0.5 W
Detection Speed	0.6–1.5 m/s
Time Delay (Minimum)	10 s ± 3 s
Time Delay (Maximum)	15 min ± 3 min
Rated Load	Approx. 0.5 W
Installation Height	1.5–3.5 m
Power Consumption	800 W (incandescent lamp) / 400 W (energy-saving lamp)

MRP: 1320



DOOR/WINDOW SENSOR

SmarDen smart door sensors are designed to give you instant awareness of door, window, and cabinet activity without changing how your home looks or feels. By detecting open and close states in real time, the sensor enables automation, security alerts, and smart lighting triggers exactly when they're needed.

Compact and discreet, the two-part magnetic design fits seamlessly on doors, windows, wardrobes, and drawers. Whether it's automating wardrobe lights, tracking entry points, or triggering scenes when a door opens, the sensor works quietly in the background to make everyday interactions smarter and more intuitive.

Features

Features	Details
Sensor Type	Sensor Type
Detection Type	Open / close status detection
Trigger Action	Scene activation, alerts, light control
Smart Alerts	Instant open / close notifications
Automation Use	Lighting, security, automation

Sizes and Installation Details

Parameter	Specification
Main Body Size	71 × 25 × 20 mm
Secondary Body Size	36 × 10 × 17 mm
Mounting Type	Surface mounted
Secondary Body Size	36 × 10 × 17 mm
Installation Area	Doors, windows, drawers
Installation Method	Adhesive mount

Important Parameters

Parameter	Specification
Standby Current	8 μ A
Alarm Current	\leq 80 mA
Operating Voltage	3V (AAA batteries)
Working Temperature	0°C to 40°C
Working Humidity	20% to 85% RH
Wireless Range	Typical indoor range (home use)

MRP: 4800



WARDROBE SENSORS

Designed for modern interiors and modular furniture, the SmarDen wardrobe sensor enables automatic lighting control inside wardrobes, cabinets, and enclosed storage spaces. It detects door movement at close range and switches lights on or off instantly, without the need for visible switches.

This is a functional upgrade that preserves clean aesthetics while improving everyday usability.



Single Door AC	MRP
SDWS-AC	1180

Double Door AC	MRP
DDWS-AC	2000

Single Door DC	MRP
SDWS-DC	1080

Double Door DC	MRP
DDWS-DC	1530

Features

Features	Details
Sensor Type	Short-range door motion & position sensor
Detection Type	Open / close status detection
Trigger Action	Automatic light ON/OFF based on door position
Response Time	Instant activation on door movement
Automation Use	Wardrobe lighting, cabinet lighting, concealed furniture automation

Sizes and Installation Details

Parameter	Specification
Main Body Size	102 x 58 x 49 mm
Sensor Head Size	Ø14 mm
Mounting Type	Concealed / surface mounted
Cable Length	2 m
Installation Area	Wardrobes, cabinets, drawers
Installation Method	Embedded hole mount or bracket mount

Important Parameters

Parameter	Specification
Operating Voltage	AC 100–240V
Rated Current	5A
Power Load	500W (tungsten max) / 200W (LED & CFL max)
Detection Distance	5–6 cm
Induction Mode	Door open / door close
Working Temperature	0°C to 40°C
Working Humidity	5% to 90% RH (non-condensing)
Protection Rating	IP20



Smart IR Blaster

The Smart IR Blaster brings all your everyday appliances under one roof. From your TV to your air conditioner, it lets you control devices that use infrared with a single app or voice command. Compact, discreet, and designed to blend into your space, it works quietly in the background so your home feels smarter without looking complicated.



IR Blaster	MRP
With Learning Module	2500



Curtain Motor	MRP
Non-Learning Module	2000

Features

Features	Details
Control Methods	Mobile App, Voice Control
IR Coverage	360° full-range infrared
IR Direction	Multi-directional infrared
Learning Code	Supported
Application	Control ACs, TVs, set-top boxes, soundbars, and other IR devices
Communication Mode	Wi-Fi 2.4GHz (802.11 b/g/n)

Sizes and Installation Details

Parameter	Specification
Overall Dimensions	64 × 64 × 24 mm
Installation Type	Surface placement
Power Supply	USB powered
Power Cable Length	2.5 m

Important Parameters

Parameter	Specification
Input Voltage	DC 5V
Input Current	1A
Standby Consumption	≤ 0.5 W
Infrared Frequency	38 kHz
Infrared Distance	≤ 10 m (environment dependent)
Operating Temperature	0°C to 50°C
Operating Humidity	≤ 85% RH
Range Coverage	360°





SCENE CONTROLLER AND DRIVERS

SmarDen Scene Controllers and Dimming Drivers form the control layer behind intelligent lighting. Together, they allow lights to respond smoothly to scenes, dimming levels, and automation logic without visible complexity.

Scene Controllers handle how lighting behaves across different moods and use cases, while Dimming Drivers ensure precise brightness control with stable performance. The result is lighting that feels natural, responsive, and consistent across the space.

Designed for modern homes and commercial interiors, these components work quietly in the background, delivering reliable control without cluttering the user experience.



App Control



Dimming



Scenes



Centralized control



KNOB CONTROLLER

The SmarDen Knob Controller is a tactile, wireless control device designed for intuitive lighting control. It gives you precise control over brightness, color temperature, and scene changes using simple physical actions like rotate, press, or click. Instead of reaching for your phone or opening an app, you control your lights naturally, exactly where it makes sense.

Designed to blend into modern interiors, the compact circular form sits cleanly on walls, bedsides, or desks. It works as a scene controller for smart lighting systems, allowing smooth dimming, color tuning, and instant scene switching with minimal effort. The experience feels deliberate, responsive, and clutter-free.

Features

Features	Details
Control Actions	Rotate, single press, double press, long press
Lighting Control	Brightness adjustment, color temperature tuning, RGB scene control
Scene Control	Trigger predefined lighting scenes instantly
Wireless Protocol	Zigbee 3.0
Control Type	Physical knob with tactile feedback
Usage Type	Homes, bedrooms, living spaces, ambient lighting zones

Sizes and Installation Details

Parameter	Specification
Product Dimensions	40 × 40 × 29 mm
Form Factor	Compact circular knob
Mounting Type	Surface mounted
Installation Area	Walls, bedside panels, furniture surfaces
Installation Area	Wardrobes, cabinets, drawers
Installation Method	Adhesive or screw mount

Important Parameters

Parameter	Specification
Product Type	Smart Knob Wireless Scene Switch
Switch Type	Knob controller
Power Supply	CR2032 battery (3V DC)
Battery Life	Up to 1 year (general use)
Wireless Range	Up to 50 m (open area)
Operating Temperature	-10°C to 45°C
Working Humidity	< 90% RH
Color	Black

MRP: 4200



12 SCENE CONTROLLER

The 12 Scene Controller is a compact, wireless control panel designed for precise lighting control across multiple scenes. Built for modern interiors, it allows instant scene switching, brightness adjustment, and dimming control without rewiring. Clean in form and flexible in use, it integrates seamlessly into smart lighting systems using Zigbee communication.

Designed for homes, hotels, studios, and commercial spaces where lighting control needs to feel intuitive, fast, and dependable.

Features

Features	Details
Control Type	Wireless scene & dimming controller
Scene Support	Up to 12 customizable lighting scenes
Control Functions	Scene trigger, dimming on/off, brightness up/down
Protocol	Zigbee 3.0
Use Case	Smart lighting, scene control, dimming automation

Sizes and Installation Details

Parameter	Specification
Product Size	86 × 88 × 10 mm
Mounting Type	Surface mounted (adhesive or bracket)
Wiring Requirement	Not required
Installation Area	Walls, bedside panels, desks, control zones
Orientation	Vertical or horizontal

Important Parameters

Parameter	Specification
Network Type	Zigbee
Wireless Standard	Zigbee 3.0
App Compatibility	Smart Life
Battery Capacity	3.7V, 150mAh lithium battery
Power Supply	Built-in lithium battery
Charging Interface	USB Type-C
Charging Time	Approx. 4 hours
Working Temperature	-10°C to 50°C
Working Humidity	0% to 90% RH (non-condensing)

MRP: 5900

DIMMER DRIVER

The 12 Scene Controller is a compact, wireless control panel designed for precise lighting control across multiple scenes. Built for modern interiors, it allows instant scene switching, brightness adjustment, and dimming control without rewiring. Clean in form and flexible in use, it integrates seamlessly into smart lighting systems using Zigbee communication.

Designed for homes, hotels, studios, and commercial spaces where lighting control needs to feel intuitive, fast, and dependable.



Model	MRP
7-12W Driver	1770

Model	MRP
15-20W Driver	2000

Model	MRP
18-24W Driver	2400

Features

Features	Details
Driver Type	LED dimming power driver
Dimming Support	Smooth, flicker-free dimming
Output Stability	Consistent current under varying loads
Efficiency	High efficiency for reduced power loss
Protection	Over-voltage, over-current, short circuit

Sizes and Installation Details

Parameter	Specification
Mounting Type	Concealed / surface-mounted
Wiring Requirement	Standard AC input
Installation Area	False ceilings, panels, downlights
Orientation	Horizontal or vertical
Application	Indoor use only

Important Parameters

Parameter	Specification
Input Voltage	160–240V AC
Frequency	50–60Hz
Output Voltage (No Load)	Up to 52V DC
Output Power	6W–20W
Output Current Type	DC
Adjustable Current	150mA / 200mA / 250mA / 300mA up to 500mA
Surge Protection	Up to 6kV
Inrush Current	<6A
Power Factor	>0.9



MULTIMODE GATEWAY

The Multimode Gateway is a compact, plug-and-play hub designed to connect Zigbee devices to your Wi-Fi network through the Tuya platform. It acts as the central bridge between smart devices and the app, ensuring stable communication, fast response, and reliable automation.

Built for modern homes, apartments, and commercial spaces, the gateway enables seamless device pairing, group control, and centralized management without adding visual clutter or complexity.

Features

Features	Details
Control Type	Central Zigbee-Wi-Fi gateway
Supported Protocols	BLE + Zigbee
Device Pairing	Fast device addition and grouping
Scene Support	Enables scenes and smart automations
System Integration	Acts as a bridge between Zigbee devices and app control
Use Case	Smart lighting, sensors, locks, and automation control

Sizes and Installation Details

Parameter	Specification
Product Size	60 × 60.5 × 15 mm
Mounting Type	Surface mounted
Wiring Requirement	Yes
Installation Area	Shelves, desks, control panels, concealed spaces
Orientation	Vertical or horizontal

Important Parameters

Parameter	Specification
Network Type	Zigbee
Wireless Standard	Zigbee 3.0
App Compatibility	Tuya Smart / Smart Life
Power Supply	Micro-USB DC 5V
Operating Temperature	-10°C to 55°C
Working Humidity	10% to 90% RH (non-condensing)

MRP: 5900



Curtain Motor

The SmarDen Smart Curtain Motor is a quiet, powerful automation solution designed to move your curtains effortlessly with a single touch, remote, or automation trigger. It delivers smooth, precise motion for opening and closing curtains, bringing comfort, control, and a refined smart-home experience to everyday living.

Built to integrate seamlessly into modern interiors, the compact motor fits discreetly within curtain tracks while operating reliably and silently.



Curtain Motor	MRP	Remote	MRP
WiFi Motor	12000	Single Channel	1500
Curtain Track	1300	Double Channel	2000

Curtain Motor	MRP	Remote	MRP
5-Wire Motor	10000	Single Channel	1500
Curtain Track	1300	Double Channel	2000

Features

Features	Details
Opening Type	Suitable for centre opening and side opening curtains
Control Options	RF 433 MHz remote, switch board, and mobile app
Wiring Support	Works with 2-wire and 5-wire configurations
Pull Start Function	Instant activation on door movement
Intermediate Stop	Allows stopping curtains at any desired position
Power Failure Operation	Curtains can be operated manually during power cuts
Noise Level	Ultra-quiet operation at 33 dB
Application	Residential and light commercial curtain automation

Sizes and Installation Details

Parameter	Specification
Max. Curtain Length	Up to 12 ft
Max. Load Capacity	Up to 80 kg curtain fabric
Mounting Type	Concealed inside curtain track
Installation Compatibility	Centre opening and side opening tracks

Important Parameters

Parameter	Specification
Operating Voltage	240 V AC, 50–60 Hz
Rated Power	45 W
Rated Current	0.14 A
Max Stall Torque	2 Nm
Opening/Closing Speed	14 r/sec
Remote Frequency	433 MHz
Operational Noise	33 dB
Protection Grade	IP20

