

ADVANTIS RIMTRONIC RF

Department: Locks Marketing

Date: 1st Nov 2019

- After the success of Advantis Rimtronic, we're introducing our next highly secure and the most budget friendly lock in Rimtronic series – i.e. **RIMTRONIC RF**.

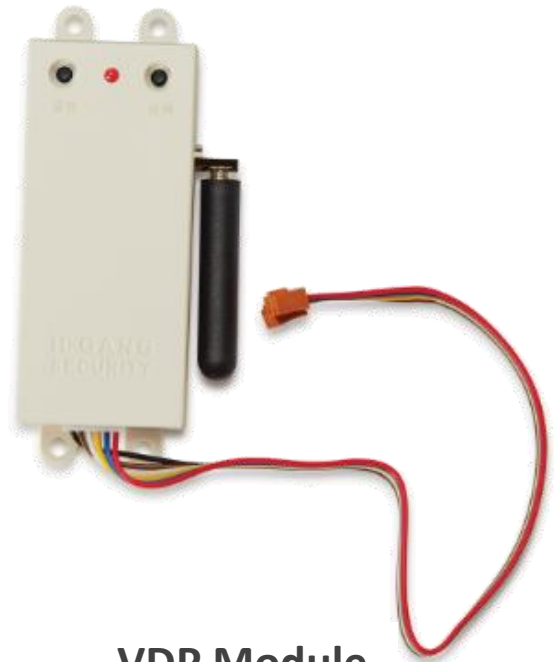
Crafted by Godrej Locking Solutions & Systems, Advantis is a high tech lock that sits neatly between science and science fiction. As its name suggests, this is a **highly advanced lock**, packed with almost space-age functions that are simple to use. To put simply, Advantis brings the future of home safety on to your door.



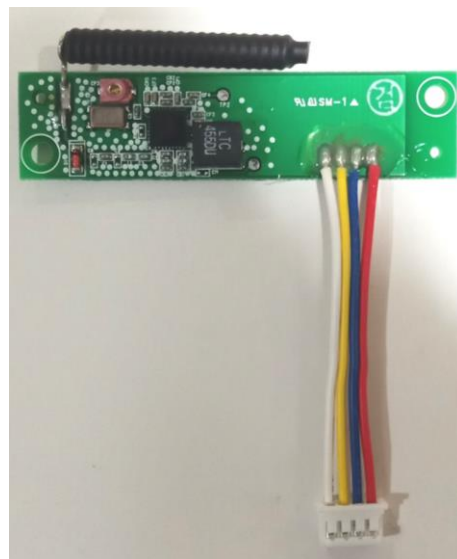
Lock Accessories & Parts:



Remote Controller














VDP Module



**Connecting PCB
(For Remote and VDP)**

FABs:

Features	Advantage & Benefit
 RFID CARD:	Lock can be opened by using a RFID card for ease of access. Upto 100 RFID cards can be registered thus giving benefit of multiple user access.
 ACCESS MODE:	Lock can be opened by entering password (4 to 12 digits). This increases the complexity of the password thereby making it more secure. 6 unique passwords of your choice can be registered – (1 – Master password, 4 - user password , 1 – OTP)
 AUTOLOCKING:	When the door is closed the dead bolt automatically come out, thus eliminating the hassle of manually locking the door
 ADJUSTABLE SPYCODE:	Random numbers can be added before or after the password in presence of strangers, thereby maintaining secrecy. For E.g if the password is 1234 the lock can be opened by entering 1)5678 1234 * 2) 1234 5678*
 LOW BATTERY INDICATION:	In case of low battery, a beep sound will alert you will in advance thereby reminding the user to change the battery before complete drain out.
 BREAK-IN DAMAGE ALARM	If password is entered wrongly for 5 times or if unauthorized RFID card is shown for 5 times the alarm goes on indicating unauthorized access. The Lock will freeze for 1 min.
 PRIVACY FUNCTION	If the safety button is switched on, the lock cannot be opened from outside either by RFID. This feature can be used at night to restrict entry.
 FIRE SENSOR	If the temperature inside the house rises above 62 (± 5 c), the lock automatically gets unlocked avoiding the hassle during fire break out.
 MULTI-LEVEL VOLUME CONTROL	Adjustable volume control up to 7 levels including mute function for silent operation

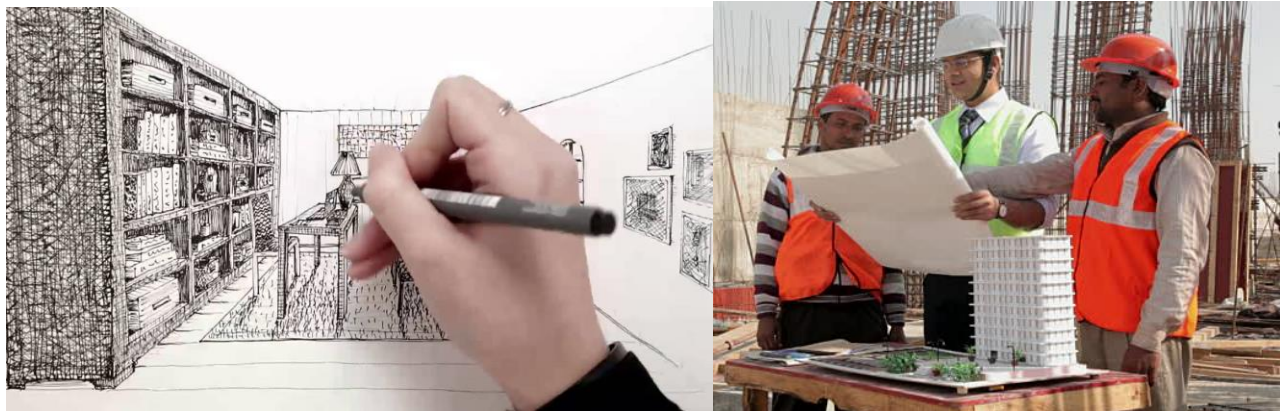
 EMERGENCY BATTERY:	In case the battery is completely discharged an external 9V battery can be used to operate the lock.
 COMPATIBILITY:	The lock is compatible with Remote and Video door Phone for ease of operation.

Applications:

1. Suitable for Wooden & Metal doors (Main doors / Interconnecting doors) in residential & commercial complexes.
2. Door thickness 35mm – 50mm

Targeting:

- As such price point, anyone and everyone who is looking for a pocket friendly electronic lock for their residence.
- Not just main door, but it is highly economical for inside doors as well.
- Young aspiring people who want to lead a good lifestyle and set their own distinctive class. They are willing to go for branded products. They live in urban or sub urban locations and use internet for a wide range of purposes and are technology savvy.
- With a high disposable income, these customers are willing to spend for a high quality and aesthetically appealing product. People living in bungalows and premium flats.
- Hardware outlets : KRMs, Super KRMs, A class outlets



Architects, Builders and Interior Decorators



Families who aspire for lifestyle products

Packing Contents:

Indoor Body	1N
Outdoor Body	1N
Striker Body	1N
Packaging Plate	3N
Screw Packet	1N
RFID Cards	2N
'AA' Alkaline batteries	4N
User Manual	1N
Installation slip and Marker	1N
Service card & Warranty card	1N



Our Product comes from the land which is the worlds No 1 producer in Digital door locks, Mobile Phones, Appliances and all electronic devices – **KOREA**

Product Quality Test:

- **Endurance Test**

Test	Standard	Criterion
Deadbolt Strength Test	Horizontal load - 1600N / Vertical load - 2,700N	Not broken, normal operating
External Case Strength Test	Dropping 540g, Radius 50.8mm & 1.5m heights sphere on sample products	Can be broken, but normal operating
Latch bolt Vertical Pressure Test	Vertical load - 1,670N	No damage, normal operating
Door Close Shock Test	20 times of door close shocks, which is possible in windy environment & see product functions well	Normal operating
Open-Close Test	120,000 times	Normal operating
Open-Close Test (Push-pull)	120,000 times	Normal operating
Strike Pressure Test	3,000 N	Not broken
Handle Strength Test	Vertical load - 2,700N / Tensile strength - 2,700N / Torsion strength - 1,960N	Normal operating
Adhesion to Door Test	2,700N	No damage
Open-Close 10 Key Button Test	50,000 times (if the product has different ways other than pin code) / 100,000 (if only pin code)	
Open-Close RFID Card Key Test	60,000 times	
Open-Close Cell Key Test	60,000 times	
Open-Close Button Test	80,000 times	
Handle Operating Test	120,000 times (Both indoor and outdoor)	
Cover Operating Test	120,000 times	

- **Climatic Test**

Test	Standard	Criterion
Low Temperature Endurance Test	-40 degrees Celsius, 72 hrs	
High Temperature & Humidity Endurance Test	65 degrees Celsius, 95% of Humidity, 72 hrs	Normal operating in 5 mins
Low Temperature Operating Test	-30 °C/ 72 hrs	Normal operating
High Temperature & Humidity Operating Test	55 degrees Celsius, 95% of Humidity, 72 hrs	Normal operating
Temperature & Humidity Cycle Test	-30 °C/ 10 hr → 70 °C/ 95% of Humidity / 10 hrs (5 Cycles): 120hrs	Normal operating
Indoor - Outdoor Temperature Difference Test	Indoor: 30 degrees Celsius/ 60%↑ Outdoor: -30 °C / 12 hrs ~ 10 degrees Celsius/ 60%↑ / 12 hrs (4 Cycles) : 96 hrs	Normal operating
Temperature Change Test	-2 °C 60% 24 hrs -> 0 °C 60% 24 hrs -> 2 °C 60% 24 hrs (1 Cycle): 72 hrs	Normal operating
Salt Water Spray Test	5% Salty water in 35°C and 72 hrs [12hrs spray / 12hrs stay]	Not corroded
Ultraviolet Rays Test	UV 280 ~ 315nm Nanometer / 96hrs	Not discolored

- **Electric Test**

Test	Standard	Criterion
Current Change Test	6V ~ 4V(measuring quiescent current every -0.2V) / Current : 1A	Normal operating
Battery Removal Test	50 times/ 10 seconds after power connected	Normal operating
Electric Shock Test	30kV/ 10Hz/ 250 times	Door never opened
ESD Endurance Test	Contacted Discharge _ 8KV / Air Discharge _ 15KV	Normal operating

- **Fire Test**

Test	Standard	Criterion
Temperature Sensor Test	Contact 100 °C heat for 10 times	Door never opened
Door Open Test in case Fire Accident	270 °C/ See if the door opens within 10 mins	82°C ± 5°C Door should be opened
Fireproof Test	1000°C 1hrs	Fire should be out in 10 sec.

- **Disturbance Test**

Test	Standard	Criterion
Drop Test	6 Surfaces, 3 edges and 1 angle / 1m height	No damage
Vibration Test	6Hz ~ 200Hz/1.047Grms/60min	No damage

- **Additional Test**

Painted or Plated products Test	<p><u>Alcohol Robbing Test:</u> Die Casting: 250g pressure, 300 times Plastic: 250g pressure, 200 times (Frequently used area), 80 times (Less frequently used area)</p> <p><u>Adhesion Taping Test:</u> Taping tests on 11 sections sized of 1mm * 1mm</p> <p><u>Boiling Test:</u> Die Casting: 98°C, 1hr, 1/2 Immersion, 2hrs natural drying Plastic: 65°C, 1hr, 1/2 Immersion, 2hrs natural drying</p>	Alcohol Rubbing Test: raw material never be exposed. Adhesion Taping Test: No peeling Boiling Test: Pass the Adhesion Taping Test.
Hardness test by pencil	45°C 500g rpm10	Frequently used area: More than 3H Less frequently used area: More than 1H

Comparison with the competitor:



	Yale J20 RIM	Godrej Advantis Rimtronic RF
RFID Cards	Upto 40 users	Upto 100 users
Password	2 Unique passwords (6-12 digits)	6 Unique passwords (4-12 digits)
Dead Bolts	1	1
Auto Locking	Yes	Yes
Remote Control	Optional	Optional
VDP connectivity	Optional	Optional
Door Thickness	35 mm - 55 mm	35mm - 50 mm
Low battery indication	Yes	Yes
Dead bolt error alarm	Yes	Yes

Break in damage alarm	Yes	Yes
Power supply	4×AA Alkaline battery	4×AA Alkaline battery
Emergency Power	9V battery	9V battery
Fire Sensor	Yes	Yes
MRP	Rs. 12000	Rs. 12500
Installation	Free	Free

SKUs List:

Item Description	UNSPSC Code	Product Code	MRP	Std. Pkg.
Advantis Rimtronic RF	46171599SD00105	3000	12500	1

Please revert for clarifications, if any.

With regards,

(Sahil Arora)

(Sushant Shinde)

CC: Shyam Motwani, M. Anand, Anurag Nema, S.M. Baria, Vijay Desai, Ujjwal Shah, Vidhyesh Hegishte

SPACETEK

Department: Locks Marketing

Date: 10th Nov'19

- **“Designed In INDIA, Made In INDIA”** as Godrej Locking Solutions and Systems ventures into its own manufacturing of state of art electronic mortise lock. The lock is combination of engineering, technology and applications, packed with space-age functions that are simple to use. Godrej crafted electronic mortise lock enhances security of your home to next level as compared to mechanical locks.



Application View:



(Image only for product reference. Actual lock available in Grey color only)

Lock Accessories & Parts:



Keys



3 Bolts Lock Body

Additional Lock Accessories & Parts:

















VDP Module



Remote

FABs:

Features	Advantage & Benefit
 360 DEGREE FINGERPRINT RECOGNITION	Fingerprint Recognition: Once registered, sensor recognizes up to 100 fingerprints at any angle
 PIN CODE	Lock can be opened by entering password (4 to 12 digits). This increases the complexity of the password thereby making it more secure. 6 unique passwords of your choice can be registered (1- Master Password, 4 User Password & 1 OTP)
 AUTOLOCKING	When the door is closed the 3 locking dead bolts automatically come out, thus eliminating the hassle of manually locking the door
 ADJUSTABLE SPY CODE	Random numbers can be added before or after the password in presence of strangers, thereby maintaining secrecy. For E.g if the password is 1234 the lock can be opened by entering 1)5678 1234 * 2) 1234 5678*
 LOW BATTERY INDICATION	In case of low battery, a beep sound will alert you will in advance thereby reminding the user to change the battery before complete drain out.
 ALARMS	Anti Hack: Forceful opening from outside will generate alarm Anti Prank: Locks stops functioning for 1 minute after 5 failed attempts and generate series of alarms Deadbolt Error: Alarm activates when door is not proper closed or deadbolt is jammed.
 PRIVACY FUNCTION	If the privacy button is on, the lock cannot be opened from outside either by fingerprint or password. It can be accessed via Mechanical Key only. This feature can be used at night to restrict entry.

 ONE TIME PASSWORD	One Time Password (OTP)/ Guest Pin: Guest pin is for one time use for guest.
 SLEEK BODY	Sleek Body: Outer body is of 19.2 mm only.
 PASSAGE MODE	Passage Mode: Once switched on, Deadbolt function is disabled and only latch operates.
 MULTI LEVEL VOLUME CONTROL	Adjustable volume control up to 7 levels including mute function for silent operation
 EMERGENCY MICRO USB	In case the battery is completely discharged external Power Bank can be used to provide emergency power supply to operate the lock.
 COMPATIBILITY	The lock is compatible with Remote and Video Door Phone for ease of operation.
 MECHANICAL KEY	In case of an emergency the lock can be opened with EXS mechanical key, which is higher technology as compared to others.

Applications:

1. Suitable for Wooden doors (Main doors / Interconnecting doors) in residential & commercial complexes.
2. Also suitable for Left or Right / Inside or Outside opening door
3. Door thickness 35mm – 75mm
4. Backset – 70mm

Targeting:

- Young aspiring people who want to lead a good lifestyle and set their own distinctive class. They are willing to go for branded products. They live in urban or sub urban locations and use internet for a wide range of purposes and are technology savvy.
- With a high disposable income, these customers are willing to spend for a high quality and aesthetically appealing product. People living in bungalows and premium flats.
- Hardware outlets : KRMs, Super KRMs, A class outlets



Architects, Builders and Interior Decorators



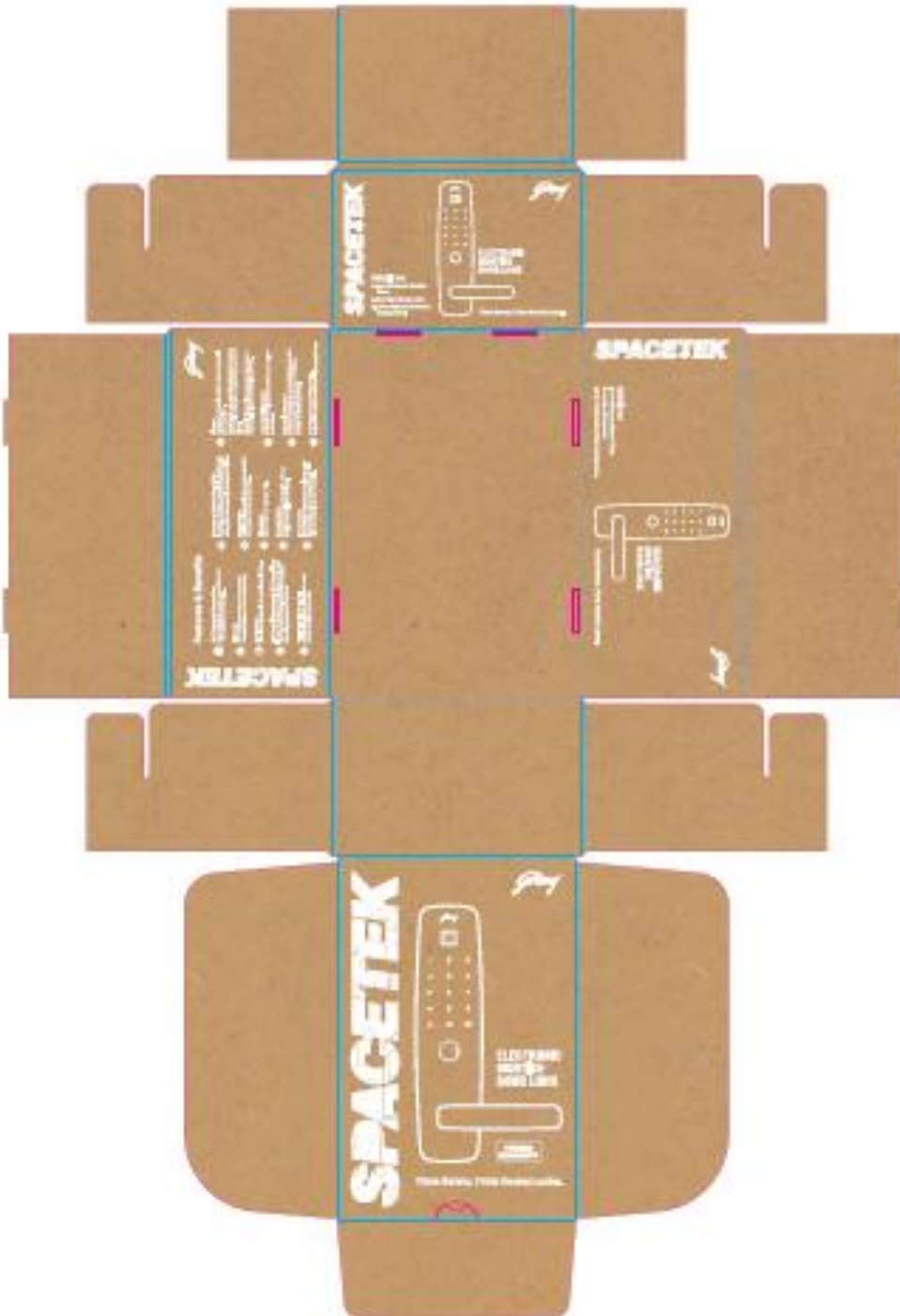
Families who aspire for lifestyle products

Packing Contents:

Front Cover Plate	1N
Back Cover Plate	1N
Lock Body	1N
Striker plate housing	1N
Inner body back plate	1 N
Key	2 N
Stricker Plate	1 N
Screw packet	1 N
Anti Theft Screw	1 N
Inside Handle Latch Connector	1 N
AA Battery	4 N
User Manual	1N
Marker	1N

STANDARD PACKING:

One Lock is packed in a 3 ply corrugated Box



Comparison with the competitor:



	Yale YDM 4109	Spacetek
Fingerprint	Register up to 20 fingerprint	360° fingerprint access – register upto 100 fingerprint
Password	2 Unique passwords (6-12 digits)	6 Unique passwords (4-12 digits)
Backset	60 mm	70 mm
Mechanical Key	2	2
Front body	27(D) × 68.6(W) × 306.6(H) mm	22(D) × 71(W) × 271(H) mm
Back body	37(D) × 72.8(W) × 306.6(H) mm	22(D) × 71(W) × 291(H) mm
Dead Bolts	1	3
Remote Control	Optional	Optional
VDP connectivity	Yes	Yes
Low battery indication	Yes	Yes
Dead bolt error alarm	Yes	Yes
Break in damage alarm	Yes	Yes
Power supply	4×AA Alkaline battery	4×AA Alkaline battery
Emergency Power	9V battery	Power Bank
Installation	Free	Free

SKUs list:

Item Description	UNSPSC Code	Product Code	MRP (Rs.)	Std. Pkg.
SPACETEK DIGITAL LOCK	46171599SD00101	4100	43,000	1
SPACETEK REMOTE	46171599SD00102	3386	4500	1
SPACETEK VDP MODULE	46171599SD00103	3387	5000	1
SPACETEK CONNECTING PCB FOR REMOTE & VDP	46171599SD00104	3388	4500	1

With regards,

(Sahil Arora)

(Sushant Shinde)

CC: Shyam Motwani, M. Anand, Anurag Nema, S.M. Baria, Vijay Desai, Ujjwal Shah, Vidhyesh Hegishte

ADVANTIS

Department: Locks Marketing

Date: 3rd July 2017

- Crafted by Godrej Locking Solutions & Systems, Advantis is a high tech lock that sits neatly between science and science fiction. As its name suggests, this is a **highly advanced lock**, packed with almost space-age functions that are simple to use. Simply put Advantis brings the future of home safety on to your door.



so **ADVANCED**,

it goes from **SCIENCE** to

SCIENCE FICTION

Application View:



Front & Back View:



Front



Back

Lock Accessories & Parts:



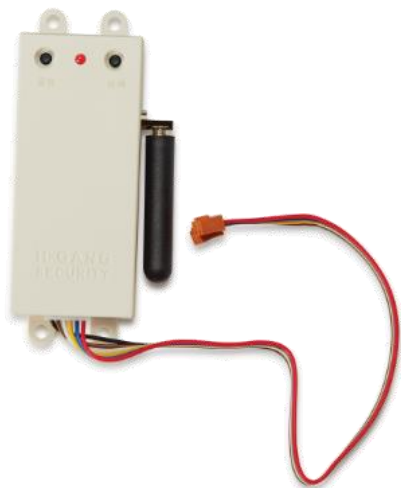
Keys



RFID Tag



Remote
















VDP Module



3 Bolts Lock Body

FABs:

Features	Advantage & Benefit
 ACCESS MODE:	Lock can be opened by entering password (4 to 12 digits). This increases the complexity of the password thereby making it more secure. 4 unique passwords of your choice can be registered – for E.g 1) 1234* 2) 5678* 3) 1111* 4) 2222*
 RFID CARD:	Lock can also be opened by using a RFID card for ease of access. Upto 100 RFID cards can be registered thus giving benefit of multiple user access.
 AUTOLOCKING:	When the door is closed the 3 locking dead bolts automatically come out, thus eliminating the hassle of manually locking the door
 ADJUSTABLE SPYCODE:	Random numbers can be added before or after the password in presence of strangers, thereby maintaining secrecy. For E.g if the password is 1234 the lock can be opened by entering 1)5678 1234 * 2) 1234 5678*
 LOW BATTERY INDICATION:	In case of low battery, a beep sound will alert you will in advance thereby reminding the user to change the battery before complete drain out.
 MULTI-TOUCH FUNCTION :	An option which shows three random digits after you typed in your password, you have to press those random digits followed by * to open the lock. This will make the fingerprints on the screen unrecognizable.
 BREAK-IN DAMAGE ALARM	If password is entered wrongly for 5 times or if unauthorized RFID card is shown for 5 times the alarm goes on indicating unauthorized access. The Lock will freeze for 1 min.
 PRIVACY FUNCTION	If the safety button is switched on, the lock cannot be opened from outside either by RFID or Password it can be accessed via Mechanical Key only. This feature can be used at night to restrict entry.

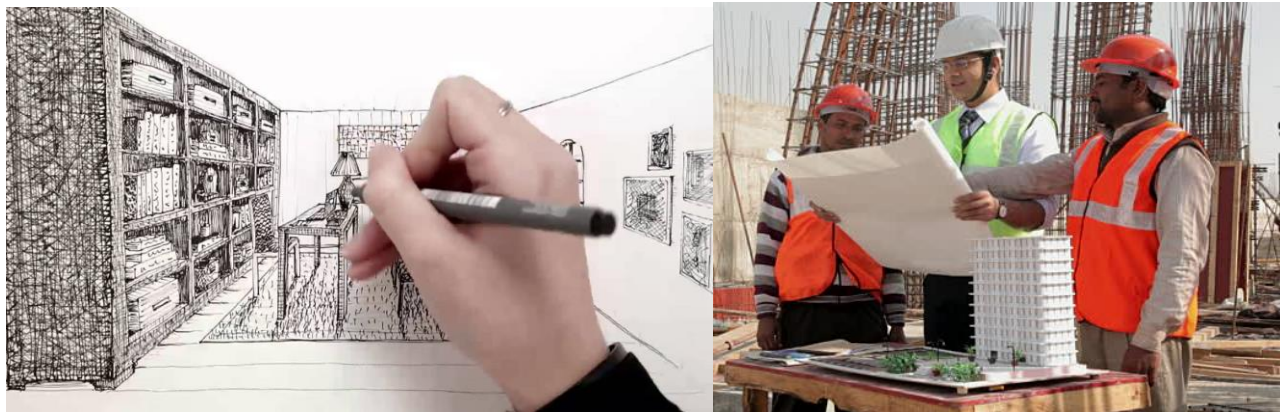
 <p>FIRE SENSOR:</p>	<p>If the temperature inside the house rises above 65 (± 5c), the lock automatically gets unlocked avoiding the hassle during fire break out.</p>
 <p>MULTI-LEVEL VOLUME CONTROL</p>	<p>Adjustable volume control up to 7 levels including mute function for silent operation</p>
 <p>EMERGENCY BATTERY:</p>	<p>In case the battery is completely discharged an external 9V battery can be used to operate the lock.</p>
 <p>COMPATIBILITY:</p>	<p>The lock is compatible with Remote and Video door Phone for ease of operation.</p>
 <p>MECHANICAL KEY:</p>	<p>In case of an emergency the lock can be opened with a mechanical key</p>

Applications:

1. Suitable for Wooden & Metal doors (Main doors / Interconnecting doors) in residential & commercial complexes.
2. Door thickness 40mm – 50mm
3. Backset – 70mm

Targeting:

- Young aspiring people who want to lead a good lifestyle and set their own distinctive class. They are willing to go for branded products. They live in urban or sub urban locations and use internet for a wide range of purposes and are technology savvy.
- With a high disposable income, these customers are willing to spend for a high quality and aesthetically appealing product. People living in bungalows and premium flats.
- Hardware outlets : KRMs, Super KRMs, A class outlets



Architects, Builders and Interior Decorators



Families who aspire for lifestyle products

Product Quality Test:

- Endurance Test

Test	Standard	Criterion
Deadbolt Strength Test	Horizontal load - 1600N / Vertical load - 2,700N	Not broken, normal operating
External Case Strength Test	Dropping 540g, Radius 50.8mm & 1.5m heights sphere on sample products	Can be broken, but normal operating
Latch bolt Vertical Pressure Test	Vertical load - 1,670N	No damage, normal operating
Door Close Shock Test	20 times of door close shocks, which is possible in windy environment & see product functions well	Normal operating
Open-Close Test	120,000 times	Normal operating
Open-Close Test (Push-pull)	120,000 times	Normal operating
Strike Pressure Test	3,000 N	Not broken
Handle Strength Test	Vertical load - 2,700N / Tensile strength - 2,700N / Torsion strength - 1,960N	Normal operating
Adhesion to Door Test	2,700N	No damage
Thumb turn Test	120,000 times	Normal operating
Thumb turn Pressure Test	Less than 0.15N.m	
Mortise Operating Test	120,000 times / Panic handle 120,000 times	
Open-Close 10 Key Button Test	50,000 times (if the product has different ways other than pin code) / 100,000 (if only pin code)	
Open-Close RFID Card Key Test	60,000 times	
Open-Close Cell Key Test	60,000 times	
Open-Close Button Test	80,000 times	
Handle Operating Test	120,000 times (Both indoor and outdoor)	
Cover Operating Test	120,000 times	

- **Climatic Test**

Test	Standard	Criterion
Low Temperature Endurance Test	-40 degrees Celsius, 72 hrs	
High Temperature & Humidity Endurance Test	65 degrees Celsius, 95% of Humidity, 72 hrs	Normal operating in 5 mins
Low Temperature Operating Test	-30 °C/ 72 hrs	Normal operating
High Temperature & Humidity Operating Test	55 degrees Celsius, 95% of Humidity, 72 hrs	Normal operating
Temperature & Humidity Cycle Test	-30 °C/ 10 hr → 70 °C/ 95% of Humidity / 10 hrs (5 Cycles): 120hrs	Normal operating
Indoor - Outdoor Temperature Difference Test	Indoor: 30 degrees Celsius/ 60%↑ Outdoor: -30 °C / 12 hrs ~ 10 degrees Celsius/ 60%↑ / 12 hrs (4 Cycles) : 96 hrs	Normal operating
Temperature Change Test	-2 °C 60% 24 hrs -> 0 °C 60% 24 hrs -> 2 °C 60% 24 hrs (1 Cycle): 72 hrs	Normal operating
Salt Water Spray Test	5% Salty water in 35°C and 72 hrs [12hrs spray / 12hrs stay]	Not corroded
Ultraviolet Rays Test	UV 280 ~ 315nm Nanometer / 96hrs	Not discolored

- **Electric Test**

Test	Standard	Criterion
Current Change Test	6V ~ 4V(measuring quiescent current every -0.2V) / Current : 1A	Normal operating
Battery Removal Test	50 times/ 10 seconds after power connected	Normal operating
Electric Shock Test	30kV/ 10Hz/ 250 times	Door never opened
ESD Endurance Test	Contacted Discharge _ 8KV / Air Discharge _ 15KV	Normal operating

- **Fire Test**

Test	Standard	Criterion
Temperature Sensor Test	Contact 100 °C heat for 10 times	Door never opened
Door Open Test in case Fire Accident	270 °C/ See if the door opens within 10 mins	82°C ± 5°C Door should be opened
Fireproof Test	1000°C 1hrs	Fire should be out in 10 sec.

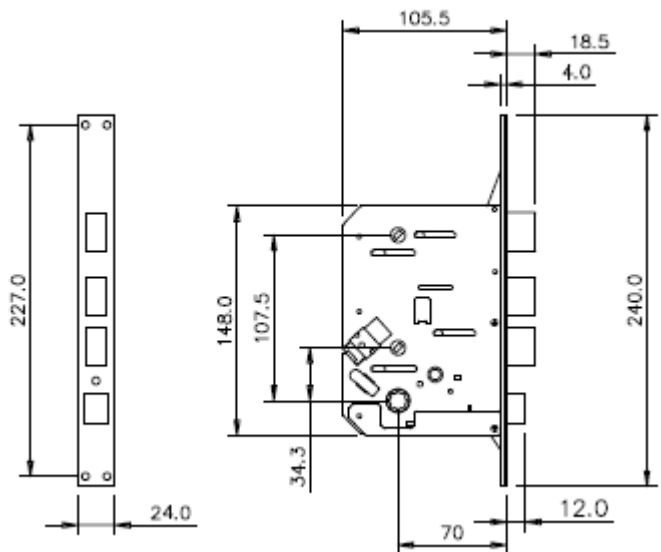
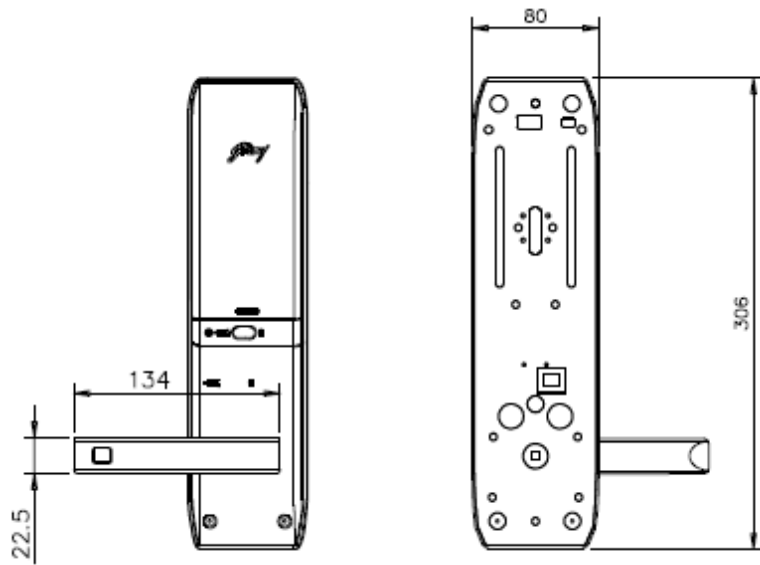
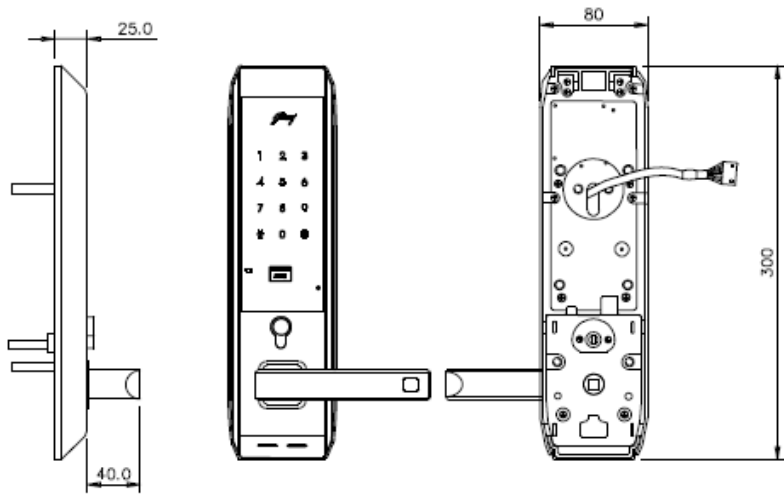
- **Disturbance Test**

Test	Standard	Criterion
Drop Test	6 Surfaces, 3 edges and 1 angle / 1m height	No damage
Vibration Test	6Hz ~ 200Hz/1.047Grms/60min	No damage

- **Additional Test**

Painted or Plated products Test	<p><u>Alcohol Robbing Test:</u> Die Casting: 250g pressure, 300 times Plastic: 250g pressure, 200 times (Frequently used area), 80 times (Less frequently used area)</p> <p><u>Adhesion Taping Test:</u> Taping tests on 11 sections sized of 1mm * 1mm</p> <p><u>Boiling Test:</u> Die Casting: 98°C, 1hr, 1/2 Immersion, 2hrs natural drying Plastic: 65°C, 1hr, 1/2 Immersion, 2hrs natural drying</p>	Alcohol Rubbing Test: raw material never be exposed. Adhesion Taping Test: No peeling Boiling Test: Pass the Adhesion Taping Test.
	Hardness test by pencil	45°C 500g rpm10

Line Diagrams (Advantis):



Comparison with the competitor:



	Yale YDM 3109	Godrej Advantis
Password	2 Unique passwords (6-12 digits)	4 Unique passwords (4-12 digits)
RFID Card	4 (Max 40 cards can be registered)	2 (Max 100 cards can be registered)
Backset	60 mm	70 mm
Mechanical Key	2	2
Front body	27(D) × 68.6(W) × 306.6(H) mm	25(D) × 80(W) × 300(H) mm
Back body	37(D) × 72.8(W) × 306.6(H) mm	25(D) × 80(W) × 306(H) mm
Dead Bolts	1	3
Remote Control	Optional	Optional
VDP connectivity	Yes	Yes
Low battery indication	Yes	Yes
Dead bolt error alarm	Yes	Yes
Break in damage alarm	Yes	Yes
Power supply	4×AA Alkaline battery	4×AA Alkaline battery Option of 4 backup batteries
Emergency Power	9V battery	9V battery
Fire Sensor	No	Yes
Installation	Rs 1000	Free

SKUs list:

Item Description	UNSPSC Code	Product Code	MRP	Std. Pkg.
Advantis	46171599SD00069	5259	38000	1
Remote Control	46171599SD00070	5105	4500	1
VDP Module	46171599SD00071	5106	5000	1
Connecting PCB for Remote & VDP	46171599SD00073	5138	4500	1

ADVANTIS RIMTRONIC

Department: Locks Marketing

Date: 24th Dec 2018

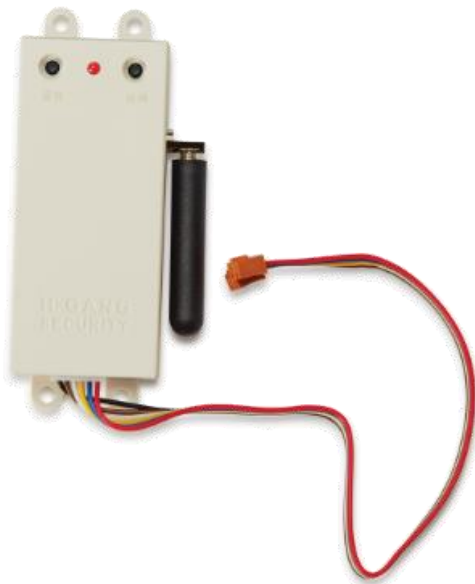
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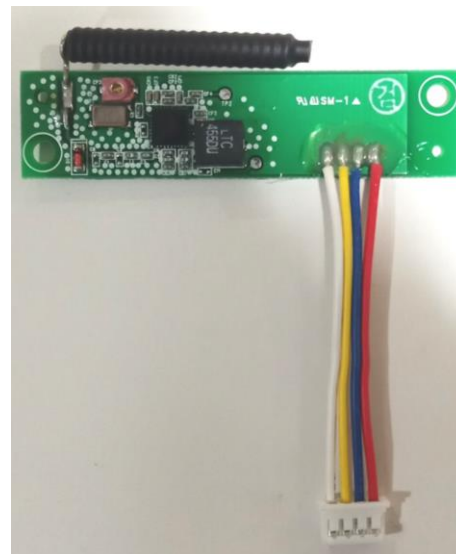
Lock Accessories & Parts:



Remote














VDP Module



**Connecting PCB for Remote and
VDP**

FABs:

Features	Advantage & Benefit
	360° fingerprint access – Register up to 100 fingerprints
 <p>ACCESS MODE:</p>	Lock can be opened by entering password (4 to 12 digits). This increases the complexity of the password thereby making it more secure. 6 unique passwords of your choice can be registered – (1 – Master password, 4 - user password , 1 – OTP)
 <p>AUTOLOCKING:</p>	When the door is closed the dead bolt automatically come out, thus eliminating the hassle of manually locking the door
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 <p>PRIVACY FUNCTION</p>	If the safety button is switched on, the lock cannot be opened from outside either by RFID or Password. This feature can be used at night to restrict entry.
 <p>FIRE SENSOR:</p>	If the temperature inside the house rises above 65 ($\pm 5^{\circ}\text{C}$), the lock automatically gets unlocked avoiding the hassle during fire break out.
 <p>MULTI-LEVEL VOLUME CONTROL</p>	Adjustable volume control up to 7 levels including mute function for silent operation

 EMERGENCY BATTERY:	In case the battery is completely discharged an external 9V battery can be used to operate the lock.
 COMPATIBILITY:	The lock is compatible with Remote and Video door Phone for ease of operation.

Applications:

1. Suitable for Wooden & Metal doors (Main doors / Interconnecting doors) in residential & commercial complexes.
2. Door thickness 40mm – 65mm

Targeting:

- Young aspiring people who want to lead a good lifestyle and set their own distinctive class. They are willing to go for branded products. They live in urban or

sub urban locations and use internet for a wide range of purposes and are technology savvy.

- With a high disposable income, these customers are willing to spend for a high quality and aesthetically appealing product. People living in bungalows and premium flats.
- Hardware outlets : KRM, Super KRM, A class outlets



Architects, Builders and Interior Decorators



Families who aspire for lifestyle products

Packing Contents:

Front Panel	1N
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Back Panel	1N
Receptacle	1N
Screw Packet	1N
AA Alkaline batteries	4N
Instruction Slip	1N
User Manual	1N
Marker	1N



Our Product comes from the land which is the worlds No 1 producer in Digital door locks, Mobile Phones, Appliances and all electronic devices – **KOREA**

Product Quality Test:

- **Endurance Test**

Test	Standard	Criterion
Deadbolt Strength Test	Horizontal load - 1600N / Vertical load - 2,700N	Not broken, normal operating
External Case Strength Test	Dropping 540g, Radius 50.8mm & 1.5m heights sphere on sample products	Can be broken, but normal operating
Latch bolt Vertical Pressure Test	Vertical load - 1,670N	No damage, normal operating
Door Close Shock Test	20 times of door close shocks, which is possible in windy environment & see product functions well	Normal operating
Open-Close Test	120,000 times	Normal operating
Open-Close Test (Push-pull)	120,000 times	Normal operating
Strike Pressure Test	3,000 N	Not broken
Handle Strength Test	Vertical load - 2,700N / Tensile strength - 2,700N / Torsion strength - 1,960N	Normal operating
Adhesion to Door Test	2,700N	No damage
Thumb turn Test	120,000 times	Normal operating
Thumb turn Pressure Test	Less than 0.15N.m	
Mortise Operating Test	120,000 times / Panic handle 120,000 times	
Open-Close 10 Key Button Test	50,000 times (if the product has different ways other than pin code) / 100,000 (if only pin code)	
Open-Close RFID Card Key Test	60,000 times	
Open-Close Cell Key Test	60,000 times	
Open-Close Button Test	80,000 times	
Handle Operating Test	120,000 times (Both indoor and outdoor)	
Cover Operating Test	120,000 times	

- **Climatic Test**

Test	Standard	Criterion
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Low Temperature Endurance Test	-40 degrees Celsius, 72 hrs	
High Temperature & Humidity Endurance Test	65 degrees Celsius, 95% of Humidity, 72 hrs	Normal operating in 5 mins
Low Temperature Operating Test	-30 °C/ 72 hrs	Normal operating
High Temperature & Humidity Operating Test	55 degrees Celsius, 95% of Humidity, 72 hrs	Normal operating
Temperature & Humidity Cycle Test	-30 °C/ 10 hr → 70 °C/ 95% of Humidity / 10 hrs (5 Cycles): 120hrs	Normal operating
Indoor - Outdoor Temperature Difference Test	Indoor: 30 degrees Celsius/ 60%↑ Outdoor: -30 °C / 12 hrs ~ 10 degrees Celsius/ 60%↑ / 12 hrs (4 Cycles) : 96 hrs	Normal operating
Temperature Change Test	-2 °C 60% 24 hrs -> 0 °C 60% 24 hrs -> 2 °C 60% 24 hrs (1 Cycle): 72 hrs	Normal operating
Salt Water Spray Test	5% Salty water in 35°C and 72 hrs [12hrs spray / 12hrs stay]	Not corroded
Ultraviolet Rays Test	UV 280 ~ 315nm Nanometer / 96hrs	Not discolored

- **Electric Test**

Test	Standard	Criterion
Current Change Test	6V ~ 4V(measuring quiescent current every -0.2V) / Current : 1A	Normal operating
Battery Removal Test	50 times/ 10 seconds after power connected	Normal operating
Electric Shock Test	30kV/ 10Hz/ 250 times	Door never opened
ESD Endurance Test	Contacted Discharge _ 8KV / Air Discharge _ 15KV	Normal operating

- **Fire Test**

Test	Standard	Criterion
Temperature Sensor Test	Contact 100 °C heat for 10 times	Door never opened
Door Open Test in case Fire Accident	270 °C/ See if the door opens within 10 mins	82°C ± 5°C Door should be opened
Fireproof Test	1000°C 1hrs	Fire should be out in 10 sec.

- **Disturbance Test**

Test	Standard	Criterion
Drop Test	6 Surfaces, 3 edges and 1 angle / 1m height	No damage
Vibration Test	6Hz ~ 200Hz/1.047Grms/60min	No damage

- **Additional Test**

Painted or Plated products Test	<p><u>Alcohol Robbing Test:</u> Die Casting: 250g pressure, 300 times Plastic: 250g pressure, 200 times (Frequently used area), 80 times (Less frequently used area)</p> <p><u>Adhesion Taping Test:</u> Taping tests on 11 sections sized of 1mm * 1mm</p> <p><u>Boiling Test:</u> Die Casting: 98°C, 1hr, 1/2 Immersion, 2hrs natural drying Plastic: 65°C, 1hr, 1/2 Immersion, 2hrs natural drying</p>	Alcohol Rubbing Test: raw material never be exposed. Adhesion Taping Test: No peeling Boiling Test: Pass the Adhesion Taping Test.
	Hardness test by pencil	

Comparison with

the competitor:



	Yale YDR 4110	Godrej Advantis Rimtronic
Fingerprint	Register up to 20 fingerprint	360° fingerprint access – register upto 100 fingerprint
Password	2 Unique passwords (6-12 digits)	6 Unique passwords (4-12 digits)
Dead Bolts	1	1
Remote Control	Optional	Optional
VDP connectivity	Yes	Yes
Low battery indication	Yes	Yes
Dead bolt error alarm	Yes	Yes
Break in damage alarm	Yes	Yes
Power supply	4×AA Alkaline battery	4×AA Alkaline battery
Emergency Power	9V battery	9V battery
Fire Sensor	Yes	Yes
MRP	Rs 25999	Rs 25000
Installation	Rs 800	Free

SKUs list:

Item Description	UNSPSC Code	Product Code	MRP	Std. Pkg.
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Advantis Rimtronic	46171599SD00092	4101	25000	1
Remote Control	46171599SD00070	5105	4500	1
VDP Module	46171599SD00071	5106	5000	1
Connecting PCB for Rimtronic	46171599SD00094	4122	4500	1

Please revert for clarifications, if any.

With regards,

(Vidhyesh Hegishte)

(Sushant Shinde)

CC: Shyam Motwani, M. Anand, Anurag Nema, S.M. Baria, Vijay Desai, Ujjwal Shah

ADVANTIS DIGITAL CABINET LOCK








Department: Locks Marketing

Date: 01th Oct 2019

- Crafted by Godrej Locks and Architectural Fitting & Systems, Advantis is a high tech lock that sits neatly between science and science fiction. Providing completely keyless security lock solution to your ***Cabinets and Cupboards***.



FABs:

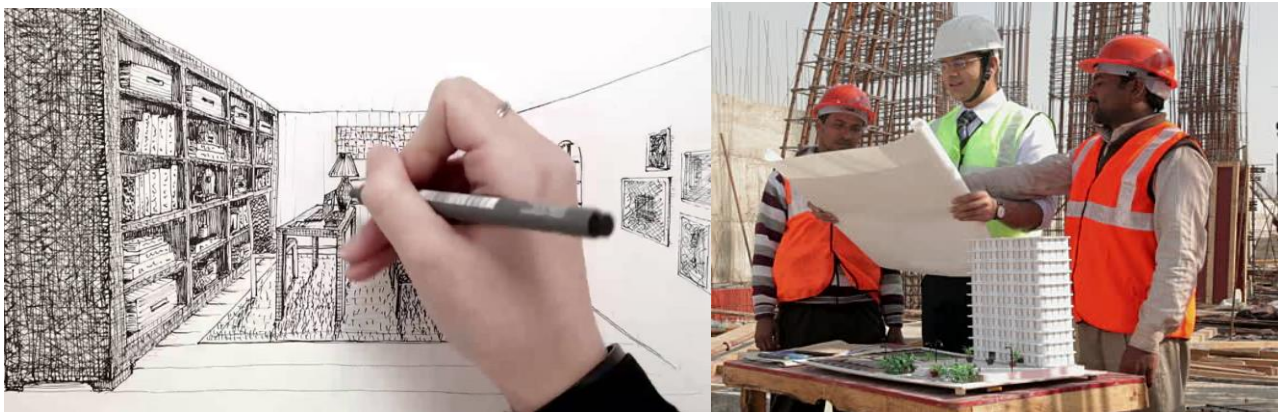
Features	Advantage & Benefit
 ACCESS MODE	a) 4-9 digit password for enhanced password strength b) Registers up to 14 unique passwords.
 AUTO MANUAL	Auto and Manual Locking mechanism: The bolt can be engaged through either automatic setting or by type in your password.
 LOW BATTERY INDICATION	In case of low battery, a beep sound will alert you in advance thereby reminding the user to change the battery before it gets completely drained out.
 BREAK IN DAMAGE ALARM	An alarm goes off if there is an attempt of tampering with the latch bolt.
 OTP PASSWORD	One time access can be provided to guests in your absence, without revealing your usual password.
 EMERGENCY BATTERY	In case the batteries run out completely, a 9V external power battery-case can be used to open the lock using the emergency power cable (cable available as spares).
 SECURE MODE	An alarm goes off in case the password is entered incorrectly 3 times in a row to alert the owner from unauthorized access.

Applications:

1. Suitable for hinged wooden cabinets and cupboards.
2. Suitable thickness 12-22mm.

Targeting:

- Young aspiring people who want to lead a good lifestyle and set their own distinctive class. They are willing to go for branded products. They live in urban or sub urban locations and use internet for a wide range of purposes and are technology savvy.
- With a high disposable income, these customers are willing to spend for a high quality and aesthetically appealing product. People living in bungalows, premium flats and mid range flats.
- Hardware outlets : KRM, Super KRM, A class outlets



Architects, Builders and Interior Decorators



Families who aspire for lifestyle products

Packing Contents:

Outer body	1N
Inner Body	1N
Striker plate	1N
Screw Packet	1N
User Manual	1N
Installation Slip + Marker	1N
Service Card	1N
Warranty Card	1N

FAQs:

1. Are batteries included in the packaging?

No. Batteries are to be bought separately. Only AA alkaline batteries are recommended.

2. What to do in case the battery completely drains off?

Emergency power supply can be provided to the unlock using an emergency power cable (available as spare) with a 9V battery.

3. What to do when alarm doesn't stop beeping?

Please put in your master password, followed by “#” to stop the alarm.

4. Where can I find the emergency power supply cable?

Emergency cable can be bought separately from the service team.

5. Can the lock be fitted to sliding cupboard door?

No. The lock is to be used only with Hinged cupboard doors/cabinets.

6. What is the installation fee and warranty period for the lock?

The installation is free with the lock and the warranty is 1 year from the date of purchase.

Comparison with the competitor:



	Yale ML8- APV	Godrej Advantis Cabinet Lock
Password	(4-6 digits) 6 unique password	(4-9 digits) 14 unique passwords
OTP Password	NA	Yes
Remote Control	NA	NA
VDP connectivity	NA	NA
Low battery indication	Yes	Yes
Dead bolt error alarm	Yes	Yes
Break in damage alarm	No	Yes
Power supply	4 AA batteries	4×AA Alkaline battery
Emergency Power	9V battery (Additional power supply adapter required)	9V battery (Additional power supply cable required)
MRP	Rs. 8150/-	Rs 7000/-
Installation	Free	Free

SKUs list:

Item Description	UNSPSC Code	Product Code	MRP	Std. Pkg.
Advantis Digital Cabinet Lock	46171599SD00106	2999	7000	5

Please revert for clarifications, if any.

With regards,

(Sahil Arora)

(Sushant Shinde)

CC: Shyam Motwani, M. Anand, Vidhyesh Hegishte, Anurag Nema, S.M. Baria, Vijay Desai, Ujjwal Shah

ADVANTIS CRYSTAL

Department: Locks Marketing

Date: 8th June 2018

- Crafted by Godrej Locking Solutions & Systems, Advantis Crystal is a high tech lock that sits neatly between science and science fiction. As its name suggests, this is a **highly advanced lock**, packed with almost space-age functions that are simple to use.



Front & Back View:



Front



Back

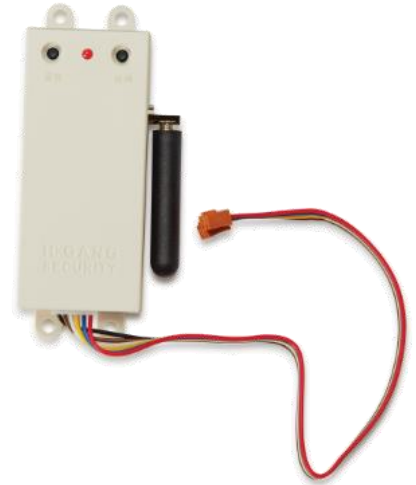
Lock Accessories & Parts:



RFID Tag



Remote














VDP Module



Strike Box

FABs:

Features	Advantage & Benefit
 <p>ACCESS MODE:</p>	<p>Lock can be opened by entering password (4 to 12 digits). This increases the complexity of the password thereby making it more secure.</p> <p>4 unique passwords of your choice can be registered – for E.g 1) 1234* 2) 5678* 3) 1111* 4) 2222*</p>
 <p>RFID CARD:</p>	<p>Lock can also be opened by using a RFID card for ease of access. Upto 100 RFID cards can be registered thus giving benefit of multiple user access.</p>
 <p>AUTOLOCKING:</p>	<p>When the door is closed the 2 locking dead bolts automatically come out, thus eliminating the hassle of manually locking the door</p>
 <p>ADJUSTABLE SPYCODE:</p>	<p>Random numbers can be added before or after the password in presence of strangers, thereby maintaining secrecy.</p> <p>For E.g if the password is 1234 the lock can be opened by entering 1)56781234* 2)12345678*</p>
 <p>LOW BATTERY INDICATION:</p>	<p>In case of low battery, a beep sound will alert you will in advance thereby reminding the user to change the battery before complete drain out.</p>
 <p>BREAK-IN DAMAGE ALARM</p>	<p>If password is entered wrongly for 5 times or if unauthorized RFID card is shown for 5 times the alarm goes on indicating unauthorized access. The Lock will freeze for 1 min.</p>
 <p>PRIVACY FUNCTION</p>	<p>If the safety button is switched on, the lock cannot be opened from outside either by RFID or Password it can be accessed via Mechanical Key only. This feature can be used at night to restrict entry.</p>
 <p>FIRE SENSOR:</p>	<p>If the temperature inside the house rises above 65 ($\pm 5^{\circ}\text{C}$), the lock automatically gets unlocked avoiding the hassle during fire break out.</p>

 <p>MULTI-LEVEL VOLUME CONTROL</p>	<p>Adjustable volume control up to 7 levels including mute function for silent operation</p>
 <p>EMERGENCY BATTERY:</p>	<p>In case the battery is completely discharged an external 9V battery can be used to operate the lock.</p>
 <p>COMPATIBILITY:</p>	<p>The lock is compatible with Remote and Video door Phone for ease of operation.</p>

Applications:

1. Suitable for Glass Door Lock in residential & commercial complexes.
2. Door thickness 12mm

Targeting:

- Young aspiring people who want to lead a good lifestyle and set their own distinctive class. They are willing to go for branded products. They live in urban or sub urban locations and use internet for a wide range of purposes and are technology savvy.
- With a high disposable income, these customers are willing to spend for a high quality and aesthetically appealing product. People living in bungalows and premium flats.
- Hardware outlets : KRM's, Super KRM's, A class outlets



Architects, Builders and Interior Decorators



Families who aspire for lifestyle products

Packaging:



Packing Contents:

Glass Door Lock	1N
Smart Keys	2N
Screw packet	1N
Magnet	1N
AA Alkaline batteries	4N
Instruction Slip	1N
User Manual	1N
Marker	1N



Our Product comes from the land which is the worlds No 1 producer in Digital door locks, Mobile Phones, Appliances and all electronic devices – **KOREA**

Product Quality Test:

- Endurance Test

Test	Standard	Criterion
Deadbolt Strength Test	Horizontal load - 1600N / Vertical load - 2,700N	Not broken, normal operating
External Case Strength Test	Dropping 540g, Radius 50.8mm & 1.5m heights sphere on sample products	Can be broken, but normal operating
Latch bolt Vertical Pressure Test	Vertical load - 1,670N	No damage, normal operating
Door Close Shock Test	20 times of door close shocks, which is possible in windy environment & see product functions well	Normal operating
Open-Close Test	120,000 times	Normal operating
Open-Close Test (Push-pull)	120,000 times	Normal operating
Strike Pressure Test	3,000 N	Not broken
Handle Strength Test	Vertical load - 2,700N / Tensile strength - 2,700N / Torsion strength - 1,960N	Normal operating
Adhesion to Door Test	2,700N	No damage
Thumb turn Test	120,000 times	Normal operating
Thumb turn Pressure Test	Less than 0.15N.m	
Mortise Operating Test	120,000 times / Panic handle 120,000 times	
Open-Close 10 Key Button Test	50,000 times (if the product has different ways other than pin code) / 100,000 (if only pin code)	
Open-Close RFID Card Key Test	60,000 times	
Open-Close Cell Key Test	60,000 times	
Open-Close Button Test	80,000 times	
Handle Operating Test	120,000 times (Both indoor and outdoor)	
Cover Operating Test	120,000 times	

- **Climatic Test**

Test	Standard	Criterion
Low Temperature Endurance Test	-40 degrees Celsius, 72 hrs	
High Temperature & Humidity Endurance Test	65 degrees Celsius, 95% of Humidity, 72 hrs	Normal operating in 5 mins
Low Temperature Operating Test	-30 °C/ 72 hrs	Normal operating
High Temperature & Humidity Operating Test	55 degrees Celsius, 95% of Humidity, 72 hrs	Normal operating
Temperature & Humidity Cycle Test	-30 °C/ 10 hr → 70 °C/ 95% of Humidity / 10 hrs (5 Cycles): 120hrs	Normal operating
Indoor - Outdoor Temperature Difference Test	Indoor: 30 degrees Celsius/ 60%↑ Outdoor: -30 °C / 12 hrs ~ 10 degrees Celsius/ 60%↑ / 12 hrs (4 Cycles) : 96 hrs	Normal operating
Temperature Change Test	-2 °C 60% 24 hrs -> 0 °C 60% 24 hrs -> 2 °C 60% 24 hrs (1 Cycle): 72 hrs	Normal operating
Salt Water Spray Test	5% Salty water in 35°C and 72 hrs [12hrs spray / 12hrs stay]	Not corroded
Ultraviolet Rays Test	UV 280 ~ 315nm Nanometer / 96hrs	Not discolored

- **Electric Test**

Test	Standard	Criterion
Current Change Test	6V ~ 4V(measuring quiescent current every -0.2V) / Current : 1A	Normal operating
Battery Removal Test	50 times/ 10 seconds after power connected	Normal operating
Electric Shock Test	30kV/ 10Hz/ 250 times	Door never opened
ESD Endurance Test	Contacted Discharge _ 8KV / Air Discharge _ 15KV	Normal operating

- **Fire Test**

Test	Standard	Criterion
Temperature Sensor Test	Contact 100 °C heat for 10 times	Door never opened
Door Open Test in case Fire Accident	270 °C/ See if the door opens within 10 mins	82°C ± 5°C Door should be opened
Fireproof Test	1000°C 1hrs	Fire should be out in 10 sec.

- **Disturbance Test**

Test	Standard	Criterion
Drop Test	6 Surfaces, 3 edges and 1 angle / 1m height	No damage
Vibration Test	6Hz ~ 200Hz/1.047Grms/60min	No damage

- **Additional Test**

Painted or Plated products Test	<p><u>Alcohol Robbing Test:</u> Die Casting: 250g pressure, 300 times Plastic: 250g pressure, 200 times (Frequently used area), 80 times (Less frequently used area)</p> <p><u>Adhesion Taping Test:</u> Taping tests on 11 sections sized of 1mm * 1mm</p> <p><u>Boiling Test:</u> Die Casting: 98°C, 1hr, 1/2 Immersion, 2hrs natural drying Plastic: 65°C, 1hr, 1/2 Immersion, 2hrs natural drying</p>	Alcohol Rubbing Test: raw material never be exposed. Adhesion Taping Test: No peeling Boiling Test: Pass the Adhesion Taping Test.
	Hardness test by pencil	45°C 500g rpm10

Comparison with the competitor:



	Yale YDG 313	Godrej Advantis Crystal
Password	2 Unique passwords (6-12 digits)	4 Unique passwords (4-12 digits)
RFID Card	4 (Max 40 cards can be registered)	2 (Max 100 cards can be registered)
One Time Mute	No	Yes
Volume Control	3 levels including mute	Up to 7 levels including mute
Dead Bolts	2	2
Remote Control	Optional	Optional
VDP connectivity	Yes	Yes
Low battery indication	Yes	Yes
Dead bolt error alarm	Yes	Yes
Break in damage alarm	Yes	Yes
Power supply	4×AA Alkaline battery	4×AA Alkaline battery
Emergency Power	9V battery	9V battery
Fire Sensor	No	Yes
Installation	Rs 500 – 800	Free

SKUs list:

Item Description	UNSPSC Code	Product Code	MRP	Std. Pkg.	Discount on MRP
Advantis Crystal	46171599SD00084	5000	25000	1	38%
Strike Box	46171599SD00085	4998	4000	1	38%
VDP Module	46171599SD00071	5106	5000	1	56%
Connecting PCB for Remote & VDP(Glass Door lock)	46171599SD00086	4986	4500	1	56%
Remote Control	46171599SD00070	5105	4500	1	56%

Please revert for clarifications, if any.

With regards,

(Akash Bhatt)

(Sushant Shine)

CC: Shyam Motwani, M. Anand, Anurag Nema, S.M. Baria, Vijay Desai, Ujjwal Shah

NEW PRODUCT LAUNCH

ADVANTIS RIMTRONIC VERTI

NEW
ADVANTIS
RIMTRONIC VERTI



RIMTRONIC VERTI | FEATURES



RFID CARD:

Once Registered, the lock card operate using 100 RFID cards.



Pin Code

The lock can be opened by entering the 4 to 12 digit passcode; this complex passcode makes it more secure.



Fire Sensor

If the temperature inside the house rises above 65 (± 5 c), the lock automatically gets unlocked avoiding the hassle during fire break out.



Multi-level Volume Control

The adjustable volume control has 7 levels, including a mute function for silent operation.



Adjustable Spycode

In the presence of strangers, random numbers can be added before or after the passcode, thereby maintaining secrecy.



Low Battery Indication

In case of low battery, a beep sound will alert you in advance, reminding you to change the battery.



Autolocking

When the door is shut, the locking dead bolt automatically comes out, thus eliminating manual locking hassle



Break-In Alarm

An alarm goes off if the passcode is entered incorrectly 5 times in a row.



Privacy Function

If the privacy button is on, the lock can't be opened from outside by RFID or passcode.



Emergency Battery

In case the battery is completely discharged an external 9V battery can be used to operate the lock.

RIMTRONIC VERTI | APPLICATIONS

- Suitable for Wooden doors (Main doors / Interconnecting doors) in residential & commercial complexes.
- Suitable for Double/Single doors, Sliding doors
- Suitable for Left/right opening or Inside/Outside opening doors.
- Door thickness 35mm – 65mm



RIMTRONIC VERTI | COMPETITOR BENCHMARKING



	Yale G-SLIDE	Godrej Advantis Rimtronic Verti
RFID Cards	Upto 40 users	Upto 100 users
Password	30 user passwords	6 Unique passwords (4-12 digits)
One Time/Guest password	Yes	Yes
Auto Locking	Yes	Yes
Remote Control	Optional	No
VDP connectivity	Optional	No
Door Thickness	35 mm - 55 mm	35mm - 65 mm
Low battery indication	Yes	Yes
Dead bolt error alarm	Yes	Yes
Break in/damage alarm	Yes	Yes
Power supply	4×AA Alkaline battery	4×AA Alkaline battery
Emergency Power	9V battery	9V battery
Fire Sensor	Yes	Yes
MRP	Rs. 17999	Rs. 13500
Installation	Free	Free

RIMTRONIC VERTI | PRODUCT PACKAGING



One Lock is packed in a 3 ply corrugated Box

RIMTRONIC VERTI | PACKAGING CONTENTS

PARTICULARS	QUANTITY
Front Panel	1N
Back Panel	1N
Receptacle	1N
Screw Packet	1N
AA Alkaline batteries	4N
Instruction Slip	1N
User Manual	1N
Marker	1N
RFID Card	2N

One Lock is packed in a 3 ply corrugated Box

RIMTRONIC VERTI | PRODUCT PRICING

Item Description	UNSPSC Code	Product Code	MRP	Std. Pkg.
Advantis Rimtronic Verti	46171599SD00117	2997	13500	1

Gadmei

