

# GUANGDONG BE- TECH SECURITY SYSTEMS LIMITED

## TEST Report

### SCOPE OF WORKs

<Performance test – Electronic lock – [Base RFID(65), Base RFID(75), Base RFID(81), Guardian RFID(G4)]>

### REPORT NUMBER

170228135GZU-001

### ISSUE DATE

2017-07-19

### [REVISED DATE]

2017-09-20

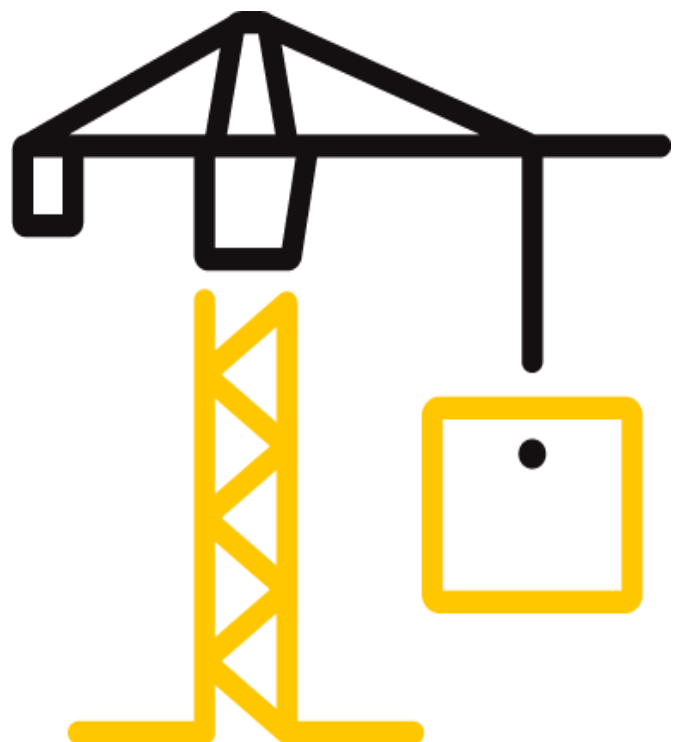
### PAGES

18

### DOCUMENT CONTROL NUMBER

TTRF\_EN 14846:2008\_c

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## Test Report

**Report Number: 170228135GZU-001**

**Report Date: 2017-09-14**

**Applicant:**

**GUANGDONG BE-TECH SECURITY SYSTEMS LIMITED**

**Applicant Address:**

**NO.17, Keyuan 3 Road,Ronggui,Shunde High-Tech Zone  
Foshan**

### Sample information

Product: Electronic lock  
Trade Mark: /  
Model and/or type reference: [Base RFID(65), Base RFID(75), Base RFID(81), Guardian RFID(G4)]  
Manufacturer: GUANGDONG BE-TECH SECURITY SYSTEMS LIMITED  
Manufacturer Address: NO.17, Keyuan 3 Road,Ronggui,Shunde High-Tech Zone Foshan  
Sample ID: S170228135GZU001~019  
Date of receipt of test item: 2017-02-28  
Situation of receipt samples: Received in good condition  
Date (s) of performance of tests: 2017-03-28~2017-06-19

### Testing information

Standard: EN 14846:2008  
Rating(s): 

3	S	5	-	0	J	3	1	2
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Testing Laboratory name: Intertek Testing Services Shenzhen Ltd. Guangzhou Branch  
Address: No. 9 Nan Xiang San Road, GETDD, Guangzhou, China

### Possible Test Case Verdicts

Test Case does not apply to the Test object: N/A  
Test object does meet the requirement: P (Pass)  
Test object does not meet the requirement: F (Fail)

### Conclusion:

The submitted samples COMPLIED WITH all applicable mechanical performance requirements of EN 14846:2008 for the ratings.

\* When determining the test result, measurement uncertainty has been considered.

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### General product information:

This report includes 4 models electrical locks [Base RFID (65), Base RFID (75), Base RFID (81), Guardian RFID(G4)] with electrical input device (RF Card). Model Base RFID (65) was subjected to full test, Model Base RFID (75) was subjected to conduct durability of latch action electrically operated test, Security - electrical function test, Security - electrical manipulation test temperature and humidity test and other models were evaluated based on the test data of Model Base RFID (65).

Power supply: 6.0 V.D.C

Item	Model	把手弹簧	电路图编号	锁体
1	Base RFID (65)	DSA-2083-5/4Y	65M-Z14B-A 65M-Z14B-B 65M-Z15A	S65正装
2	Base RFID (75)	DSA-2083-5/4Y	75M-Z07A-A 75M-Z07A-B 75M-Z07A-C 75M-Z07A	S65正装
3	Base RFID (81)	DSA-2083-5/4Y	65M-Z14B-A 65M-Z14B-B 65M-Z15A	S65正装
4	Guardian RFID(G4)	DSA-2083-5/4Y	65M-Z14B-A 65M-Z14B-B 65M-Z15A	S65倒装

### Detail "Ratings" information listed as following:

First digit (Category of use): Grade 3– For use by the public where there is little incentive to exercise care and where there is a high chance of misuse, e.g. doors in public buildings.

Second digit (Durability and load on latchbolt): Grade M – 200 000 test cycles; 25 N load on latch bolt.

Third digit (Door mass and closing force): Grade 5– Up to 200kg door mass 25N maximum closing force.

Fourth digit (Suitability for use on fire/smoke doors): Exclude in this mechanical report.

Fifth digit (Safety): Grade 0– no safety requirement.

Sixth digit (Corrosion resistance, temperature and humidity) Grade J – Very High resistance, -10°C to +55°C temperature resistance, Level 1 Humidity resistance.

Seventh digit (Security resistance): Grade 3 – Medium security and no drill resistance.

Eighth digit (Security–electrical function): Grade 1 – no requirement;

Ninth digit (Security–electrical manipulation): Grade 2 – See Table 7.

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EN 14846						
Building hardware – Locks and latches – Electromechanically operated locks and striking plates – Requirements and test methods						
Clause	Requirement - Test	Result - Remark	Verdict			
4	Classification					
4.1	General					
4.2	The product shall be classified according to the following nine digit coding system:					
4.3	Category of use (1 <sup>st</sup> ) :	3	—			
4.4	Durability and load on latchbolt (2 <sup>nd</sup> ) :	S	—			
4.5	Door mass and closing force (3 <sup>rd</sup> )	5	—			
4.6	Suitability for use on fire/smoke doors (4 <sup>th</sup> )	—	—			
4.7	Safety (5 <sup>th</sup> )	0	—			
4.8	Corrosion resistance, temperature and humidity (6 <sup>th</sup> )	J	—			
4.9	Security (7 <sup>th</sup> )	3	—			
4.10	Security–electrical function (8 <sup>th</sup> )	1	—			
4.11	Security-electrical manipulation (9 <sup>th</sup> )	2	—			
5	REQUIREMENT					
5.1	General					
5.1.1	Compatibility between cooperating parts The manufacturer shall state which cooperating parts have been designed to be used in combination.	All cooperating parts were provided	P			
5.1.2	Dangerous substance Materials in products shall not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations in the country of intended use	Informative	—			
5.1.3	Operation time for locking and unlocking Operation time in both directions between the end positions shall not exceed 3 s	< 1s	P			
5.2	Category of use					
	Table 5 - Category of use					
	Requirement	Parameter	Grade 1	Grade 2	Grade 3	Unit
	Resistance to side load on latch	F1	2	3	3	kN
	Torque to operate deadbolt	M3	1,5	1	0,8	Nm
	Strength of normal latch action and stops	M5	40	40	60	Nm
	Torque resistance of lockable follower	M10	60	60	80	Nm
5.2.1	Resistance to side load on latch The lock shall resist a side load of 3 kN.	Grade 3 3 kN		P		

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EN 14846					
Building hardware – Locks and latches – Electromechanically operated locks and striking plates – Requirements and test methods					
Clause	Requirement - Test	Result - Remark		Verdict	
5.2.2	Torque to operate deadbolt The torque on the key to operate the deadbolt shall not exceed M3 = 0,8 Nm.	Grade 3 By key: 0, 38 Nm		P	
5.2.3	Strength of normal latch action and stops The latch components and travel limit stops shall resist a torque of 60 Nm.	Grade 3 60 Nm.		P	
TTRF_EN 14846:2008_c	Torque resistance of lockable follower The lockable follower shall resist a torque of 80 Nm :	Grade 3 80 Nm.		P	
5.3	Durability				
	Table 6 – Durability requirement				
	Grade	Latch action	Deadbolt manually operated	Deadbolt automatically operated	Deadbolt electrically operated
	A, F	50 000	10 000	50 000	50 000
	B, G, L, R, W	100 000	25 000	100 000	100 000
	C, H, M, S, X, Y	200 000	50 000	200 000	200 000
5.3.2	Durability of latch action				
5.3.2.1	Durability of latch action mechanically operated The latch action shall function correctly fulfilling the requirements after the minimum number of cycles specified in Table 6 according to the grade selected :	Grade M 200 000 cycles Combined test with electrical operation 5.3.2.2		P	
5.3.2.2	Durability of latch action electrically operated The latch action shall complete the minimum number of cycles specified in Table 6 according to the grade selected. The latch action shall function correctly after this test fulfilling the requirements in EN 12209:2003 5.4.2 (closing force) and 5.11.1 (torque to withdraw the latch bolt(s)).	Grade M 200 000 cycles with 25 N load on latch bolt, latch action function correctly For model Base RFID (65) The torque to withdraw the latch bolt on handle: 2,7 Nm (meet Grade 3 requirement of spindle operation according to EN 12209:2003); The closing force: 17,5 N For model Base RFID (75) The torque to withdraw the latch bolt on handle: 2,0 Nm (meet Grade 3 requirement of spindle operation according to EN 12209:2003); The closing force: 14,4 N		P	

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Building hardware – Locks and latches – Electromechanically operated locks and striking plates – Requirements and test methods				
Clause	Requirement - Test	Result - Remark	Verdict	
5.3.3	Durability of deadbolt mechanism			
5.3.3.1	Durability of deadbolt mechanism mechanically operated The deadbolt mechanism shall complete the minimum number of cycles according to the grade given in Table 6. The deadbolt mechanism shall function correctly after this test fulfilling the requirements in EN 12209:2003, 5.2.2. :	Grade M, manually operated; The deadbolt mechanism functions correctly after 50 000 cycles. The torque on key: 0,40 Nm (< 0,8 Nm) The torque on follower: 2,1 Nm	P	
5.3.2.2	Durability of deadbolt mechanism electrically operated:	Operated deadbolt manually only	N/A	
5.4	Door mass and closing force		Manufacturer specified door mass: 200 kg Measured closing force: 15,8 N	
	Grade	Door mass		Closing force (F10)
	0	Locks without a latch bolt		
	1	Up to 100kg		50 N
	2	Up to 200kg		50 N
	3	Above 200kg		50 N
	4	Up to 100kg		25 N
	5	Up to 200kg		25 N
	6	Above 200kg		25 N
	7	Up to 100kg		15 N
	8	Up to 200kg		15 N
9	Above 200kg	15 N		
5.5	Suitability for use on fire resistance and / or smoke control doorset.	Not included in this mechanical test report	N/A	
5.6	Safety	No safety requirement	N/A	
5.7	Corrosion resistance and temperature			

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Building hardware – Locks and latches – Electromechanically operated locks and striking plates – Requirements and test methods																		
Clause	Requirement - Test	Result - Remark	Verdict															
5.7.1	<p>Corrosion resistance</p> <p>The grade of corrosion resistance achieved shall be included in the classification coding as specified in Table 4.</p> <table><tr><td>Corrosion resistance</td><td>Exposure</td><td>Grade per EN 1670</td></tr><tr><td>Low resistance</td><td>24 h ± 1 h</td><td>Grade 1</td></tr><tr><td>Moderate resistance</td><td>48 h ± 1 h</td><td>Grade 2</td></tr><tr><td>High resistance</td><td>96 h ± 1 h</td><td>Grade 3</td></tr><tr><td>Very high resistance</td><td>240 h ± 1 h</td><td>Grade 4</td></tr></table> <p>The energy required to operate the deadbolt or latch bolt for the last three shall not exceed the operation energy for normal operations by more than 20 % . :</p>	Corrosion resistance	Exposure	Grade per EN 1670	Low resistance	24 h ± 1 h	Grade 1	Moderate resistance	48 h ± 1 h	Grade 2	High resistance	96 h ± 1 h	Grade 3	Very high resistance	240 h ± 1 h	Grade 4	<p>Grade J</p> <p>EN 1670:2007 Grade 4: 240 hours</p> <p>For Model Base RFID (65)</p> <p>Torque to operate deadbolt on key: 0,35 Nm</p> <p>Torque to operate deadbolt on follower: 1,8 Nm</p> <p>Torque to withdraw latch bolt with handle: 2,4 Nm</p> <p>For Model Base RFID (75)</p> <p>Torque to operate deadbolt on key: 0,35 Nm</p> <p>Torque to operate deadbolt on follower: 1,8 Nm</p> <p>Torque to withdraw latch bolt with handle: 2, 4Nm</p>	P
Corrosion resistance	Exposure	Grade per EN 1670																
Low resistance	24 h ± 1 h	Grade 1																
Moderate resistance	48 h ± 1 h	Grade 2																
High resistance	96 h ± 1 h	Grade 3																
Very high resistance	240 h ± 1 h	Grade 4																
5.7.2(a)	<p>Resistance to a range of temperatures</p> <p>The product shall operate at the temperatures specified in Table 4.</p> <p>The product shall continue to operate as declared during and after the test. During any individual test, performance shall not drop by more that 25 % below the level achievable at the start of the test.</p> <p>After the test the product shall operate as declared:</p>	<p>Grade J:</p> <p>For Model Base RFID (65)</p> <p>Initial test at normal temperature:</p> <p>Torque to operate deadbolt on key: 0,30 Nm</p> <p>Torque to operate deadbolt on follower: 1,6 Nm</p> <p>Torque to withdraw latch bolt with handle:2,0 Nm</p> <p>At -10°C:</p> <p>Torque to operate deadbolt on key: 0,32 Nm</p> <p>Torque to operate deadbolt on follower: 1,8 Nm</p> <p>Torque to withdraw latch bolt with handle: 2,2 Nm</p> <p>At +55°C:</p> <p>Torque to operate deadbolt on key: 0,32 Nm</p> <p>Torque to operate deadbolt on follower: 1,8 Nm</p> <p>Torque to withdraw latch bolt with handle: 2,1 Nm</p> <p>After temperature test, the product functions correctly.</p>	P															

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Building hardware – Locks and latches – Electromechanically operated locks and striking plates – Requirements and test methods												
Clause	Requirement - Test	Result - Remark	Verdict									
5.7.2(b)	<p>Resistance to a range of temperatures</p> <p>The product shall operate at the temperatures specified in Table 4.</p> <p>The product shall continue to operate as declared during and after the test. During any individual test, performance shall not drop by more that 25 % below the level achievable at the start of the test.</p> <p>After the test the product shall operate as declared:</p>	<p>Grade J:</p> <p>For Model Base RFID (75)</p> <p>Initial test at normal temperature:</p> <p>Torque to operate deadbolt on key: 0,26 Nm</p> <p>Torque to operate deadbolt on follower: 2,2 Nm</p> <p>Torque to withdraw latch bolt with handle:1,9 Nm</p> <p>At -10°C:</p> <p>Torque to operate deadbolt on key: 0,27 Nm</p> <p>Torque to operate deadbolt on follower: 2,2 Nm</p> <p>Torque to withdraw latch bolt with handle: 1,9 Nm</p> <p>At +55°C:</p> <p>Torque to operate deadbolt on key: 0,25 Nm</p> <p>Torque to operate deadbolt on follower: 2,2 Nm</p> <p>Torque to withdraw latch bolt with handle: 1,9 Nm</p> <p>After temperature test, the product functions correctly.</p>	P									
5.7.3	<p>Resistance to cyclic humidity</p> <p>The product shall endure humidity at elevated temperatures with requirement specified in Table 4.</p> <table border="1"><thead><tr><th>Level</th><th>Temperature</th><th>Humidity</th></tr></thead><tbody><tr><td>1</td><td>+ 40 °C</td><td>95%</td></tr><tr><td>2</td><td>+ 55 °C</td><td>95%</td></tr></tbody></table>	Level	Temperature	Humidity	1	+ 40 °C	95%	2	+ 55 °C	95%	<p>Grade J</p> <p>Level 1: +40°C with initial relative humidity of 95%.</p> <p>The product functions correctly during and after the test.</p>	P
Level	Temperature	Humidity										
1	+ 40 °C	95%										
2	+ 55 °C	95%										

5.8	Security								
Table 5 of EN 12209 — Security requirements									
Requirement	Test param.	Grade of security							Unit
		1	2	3	4	5	6	7	
Torque resistance of knob on bored lock and latch sets	M9	10	15	-	-	-	-	-	Nm
Torque resistance of lever handle on bored lock and latch sets		20	30	-	-	-	-	-	Nm



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Clause	Requirement - Test			Result - Remark						Verdict	
	Torque resistance of knob or lever handle on Rim nighth latches	M10	-	-	1	1	1	1	1	kN	
	- side load on deadbolt	F4	1	3	5	7	7	10	10	kN	
	- net drilling time for sideload test	t	-	-	-	-	3	-	5	min	
	- total drilling time for sideload test		-	-	-	-	5	-	10		
	Deadbolt projection	L1	10	12	14	20	20	20	20	mm	
	- end load	F5	1	2	4	5	5	6	6	kN	
	- resulting projection	L2	8	10	11	17	17	17	17	mm	
	- net drilling time for endload test	t	-	-	-	-	3	-	5	min	
	- total drilling time for endload test		-	-	-	-	5	-	10		
	Resistance to pulling of hook/claw bolt	F6	1	3	5	7	7	10	10	kN	
	Resistance to disengaging of hook/claw bolt	F7	1	2	4	5	5	6	6	kN	
	Resistance to forcing of locating devices in sliding door lock	F8	1	3	4	5	5	6	6	kN	
	Resistance to pulling off of knob on bored lock and latch sets	F9	1	1.5	-	-	-	-	-	kN	
	Resistance to end load on box protected locking plates	F5	-	-	4	5	5	6	6	kN	
		L3	-	-	13	19	19	19	19	mm	
	Resistance to side load on locking plate	F4	1	3	5	7	7	10	10	kN	
	Resistance to pulling on locking plate	F6	1	3	5	7	7	10	10	kN	
	Resistance to lifting force on locking plate	F8	1	3	4	5	5	6	6	kN	
5.8.1	Torque resistance of knob										
5.8.1.1	Torque resistance of knob or lever handle on bored lock and latch sets			Not applicable for mortice lock						N/A	
5.8.1.2	Torque resistance of knob or lever handle on rim night latch:			Not applicable for mortice lock						N/A	
5.8.2	Requirements for side load										
5.8.2.1	Resistance to side load on deadbolt The dead bolt shall resist a side load F4 (see Table 5 of EN 12209):			Grade 3 F4: 5 kN						P	
5.8.2.2	Resistance to drilling and side load on deadbolt The deadbolt shall resist a drilling for time ‘t’ and side load F4 (see Table 5 of EN 12209) :			Grade 3 For Grade 5 and 7 only						N/A	

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Clause	Requirement - Test	Result - Remark	Verdict
5.8.3	Deadbolt projection The deadbolt when fully thrown in the locking direction and detained, shall have a minimum projection L1 (see Table 5 of EN 12209) :	Grade 3 L1: 21,64 mm	P
5.8.4	Requirements for end load on deadbolt		
5.8.4.1	Resistance to end load The product shall resist an end load of F5. At no time during or after the test shall the bolt projection be less than L2 (see Table 5 of EN 12209) :	Grade 3 F5: 4 kN L2: 21,59 mm	P
5.8.4.2	Resistance to endload with drilling The product shall be subjected to drilling for a time "t", and afterwards resist an end load of F5. At no time during or after the test shall the bolt projection be less than L2 (see Table 5 of EN 12209). :	Grade 3 For Grade 5 and 7 only	N/A
5.8.5	Resistance to pulling of hook/claw bolt The bolt shall resist a direct pull of F6 (requirement see Table 5 of EN 12209) :	No hook/claw bolt	N/A
5.8.6	Resistance to disengaging of hook/claw bolt The bolt shall not force the lock open with a disengaging force of F7 (see Table 5 of EN 12209). :	No hook/claw bolt	N/A
5.8.7	Resistance to forcing of locating device in sliding door lock:	Applicable for sliding door lock only.	N/A
5.8.8	Resistance to pulling off of knob on bored lock and latch set :	Applicable for bored knob door lock only.	N/A
5.8.9	Security requirements of the component locking plate		
5.8.9.1	Resistance to end load on box protected locking plate :	No protecting box	N/A
5.8.9.2	Resistance to side load on locking plate The locking plate shall resist a side load of F4 (see Table 5 of EN 12209).	Grade 1 F4: 1 kN	P
5.8.9.3	Resistance to pulling on locking plate	Applicable for lock with hook bolt only.	N/A
5.8.9.4	Resistance to lifting force on locking plate:	Applicable for sliding door lock only.	N/A

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Building hardware – Locks and latches – Electromechanically operated locks and striking plates – Requirements and test methods							
Clause	Requirement - Test			Result - Remark			Verdict
5.9	Security – Electrical function – status indication There shall be an audio or visual signal from the lock that can be used as an indication that the bolt is fully thrown and deadlocked or, in the case of electric strikes, that movement of the electric strike is blocked. The security of the electrical function shall be tested according to 6.9.			Grade 1 For Model Base RFID (65) and Model Base RFID (75) A visual signal with different color and beep voice were used to indicate the status. Before and after the test 200 000 cycles, the electrical function was still correct.			P
5.10	Security – Electrical manipulation						
	Table 7 — Security – Electrical manipulation requirements						
	Requirement		Test Method	Grade of security			
				0	1	2	3
	5.10.2	Voltage drop protection	6.10.1	-	-	Yes	Yes
	5.10.3	Protection against the effects of cutting cables	6.10.2	-	-	Yes	Yes
	5.10.4	Protection against the effects of wire manipulation	6.10.3	-	-	-	Yes
	5.10.5	Resistance to electromagnetic manipulation	6.10.4	-	-	Yes	Yes
	5.10.6	Resistance to electrostatic discharge EN 61000-4-2	6.10.5	-	Level 2	Level 4	Level 4
5.10.7	Resistance to electrostatic manipulation EN 61000-4-2	6.10.6	-	-	Level 4	Level 4	
5.10.1	General						
5.10.2	Voltage drop protection When tested in accordance with 6.10.1 with supply voltage dips and short interruptions, the locking mechanism and its operational parts shall maintain its status.			Not applicable for power supplied by internal D.C Networks.			N/A
5.10.3	Protection against the effects of cutting cables When tested in accordance with 6.10.2 by cutting or short-circuiting of all the wires of one cable linking the electromechanical lock or strike to other units, the locking mechanism and its operational parts shall maintain its status. This requirement applies to any cable linking the electromechanical lock or strike to other units.			Not applicable for power supplied by internal D.C Networks.			N/A

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Clause	Requirement - Test	Result - Remark	Verdict
5.10.4	Protection against the effects of wire manipulation When tested in accordance with 6.10.3 by manipulating in the form of an electrical or magnetic pulse (or sequence of pulses) applied to any wires linking the electromechanical lock or strike to other units, the locking mechanism and its operational parts shall maintain its status :	Not applicable for Grade 2	N/A
5.10.5	Resistance to electromagnetic manipulation When tested in accordance with 6.10.4, by strong electromagnetic fields, the locking mechanism and its operational parts shall maintain its status :	Grade 2 For Model Base RFID (65) and Model Base RFID (75) Level 3 and Level 4 Frequency range 80 to 1000 MHz Exposed side: Front, Rear, Left and Right. Field strength: 10V/m; 30V/m	P
5.10.6	Resistance to electrostatic discharge When tested in accordance with 6.10.5, with electrostatic discharges the locking mechanism and its operational parts shall maintain its status:	Grade 3 For Model Base RFID (65) and Model Base RFID (75) After test, the lock was operable after the test.	P
5.10.7	Resistance to electrostatic manipulation When tested in accordance with 6.10.6, with a minimum of 200 electrostatic discharges at the energy levels specified in EN 61000-4-2:1995, level 4, except that the discharge frequency shall not exceed 10 Hz, the locking mechanics and its operational parts shall maintain its status:	Grade 2 For Model Base RFID (65) and Model Base RFID (75) Applied $\pm 8$ kV voltage 200 times of Direct Contact Discharge, $\pm 15$ kV voltage 200 times of Direct Air Discharge, $\pm 8$ kV voltage 200 times of Indirect discharge (HCP), $\pm 8$ kV voltage 200 times of Indirect discharge (VCP), The lock deadlocked correctly during the test.	P
6	<b>Test Methods</b>		
7	<b>Marking</b>		
	The following information shall be quoted in the labeling, packaging or literature. a) manufacturer's name or trademark or other means of positive identification; b) clear product identification c) classification according to clause 4 of this European Standard; d) number and date of this European Standard.	Not marking was provided	—
8	<b>Evaluation of conformity</b>		

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<b>EN 14846</b> <b>Building hardware – Locks and latches – Electromechanically operated locks</b> <b>and striking plates – Requirements and test methods</b>			
Clause	Requirement - Test	Result - Remark	Verdict
8.1	Initial type test Samples, representative of the series, selected in accordance with annex C, shall be subjected to the full sequence of tests described in clause 6, and where relevant, to annex A. :	Refer to Clause 5	P
8.2	Factory production control The manufacturer shall document, operate and maintain an adequate factory production control system. The factory production control system shall achieve an appropriate level of confidence in the conformity of the product :	Not required.	N/A
8.3	Further testing of samples At intervals of not more than six months, sample taken from finished product stock, selected in accordance with annex C, and representative of the series, shall be subjected to the full sequence of tests described in clause 6 :	Not required.	N/A

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## Appendix A: Product Documents

Model No.	Document Ref.	Document Title	Issue	Date
Base RFID (65)	65-1-02感应面板-2015-10-20-Model	感应面板	12/2016	02/2017
	Base RFID(65)-1-03前锁体总成 Model (1)	前锁体总成	08/2017	08/2017
	Base RFID(65)爆炸图 Model (1)	Base RFID (65)	08/2017	08/2017
	Base RFID(65)-2-01后锁体总成 Model (1)	后锁体总成	08/2017	08/2017
	65M-Z14B-A	65M-Z14B-A.SCH	12/2016	02/2017
	65M-Z14B-B	65M-Z14B-B.SCH	12/2016	02/2017
	65M-Z15A	65M-Z15A	12/2016	02/2017
Base RFID (75)	75-1-01感应面板-2015-10-20-Model	面板	12/2016	02/2017
	Base RFID(75)-1-00前锁体总成 Model (1)	前锁体总成	08/2017	08/2017
	Base RFID(75)爆炸图 Model (1)	Base RFID (75)	08/2017	08/2017
	Base RFID(65) 爆炸图 20170105	7536M-S65	08/2017	08/2017
	75M-Z07A-A	75M-Z07A-A.SCH	12/2016	02/2017
	75M-Z07A-B	75M-Z01A-B.SCH	12/2016	02/2017
	75M-Z07A-C	75M-Z01A-C.SCH	12/2016	02/2017
	75M-Z07A	75M-Z07A	12/2016	02/2017
Base RFID (81)	81-1-01C感应面板-2015-10-20-Model	感应面板	12/2016	02/2017
	Base RFID(81)-1-00前锁体总成 Model (1)	前锁体总成	08/2017	08/2017
	Base RFID(81)-2-01后锁体总成 Model (1)	后锁体总成	08/2017	08/2017

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	Base RFID(81)整 锁爆炸图 Model (1)	Base RFID (81)	08/2017	08/2017
	65M-Z14B-A	65M-Z14B-A.SCH	12/2016	02/2017
	65M-Z14B-B	65M-Z14B-B.SCH	12/2016	02/2017
	65M-Z15A	65M-Z15A	12/2016	02/2017
Guardian RFID(G4)	87-1-02感应面板 -2015-10-20- Model	感应面板	12/2016	02/2017
	Guardian RFID(G4)-1-00前 锁体总成 Model (1)	前锁体总成	08/2017	08/2017
	Guardian RFID(G4) Model (1)	Guardian RFID(G4)	08/2017	08/2017
	Guardian RFID(G4)-2-00后 锁体总成 Model (1)	后锁体总成	08/2017	08/2017
	65M-Z14B-A	65M-Z14B-A.SCH	12/2016	02/2017
	65M-Z14B-B	65M-Z14B-B.SCH	12/2016	02/2017
	65M-Z15A	65M-Z15A	12/2016	02/2017

Note:

It is a mandatory requirement that Intertek is informed of any modifications or changes to the following:

- Product submitted for approval or that has been approved
- Manufacturing process
- Manufacturing address
- Materials
- Materials supplier
- Documents recorded within this register

## Test Report

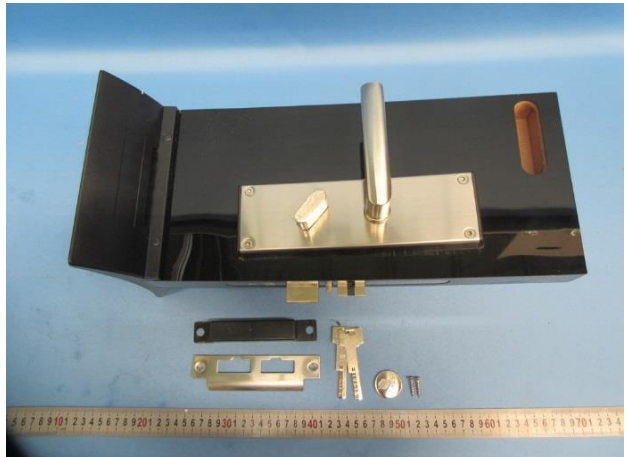
Report Number: 170228135GZU-001

Report Date: 2017-09-14

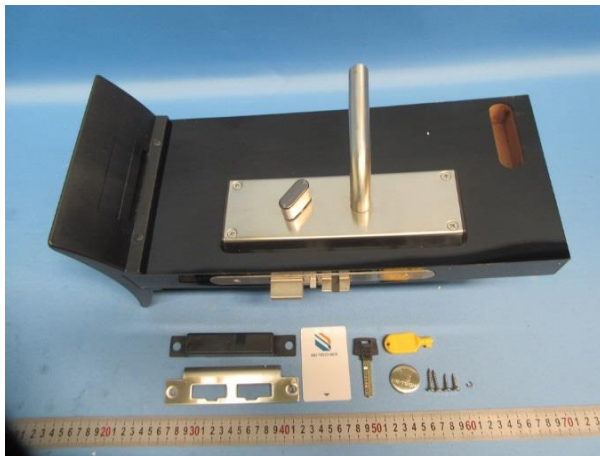
### Appendix B: Sample received photo



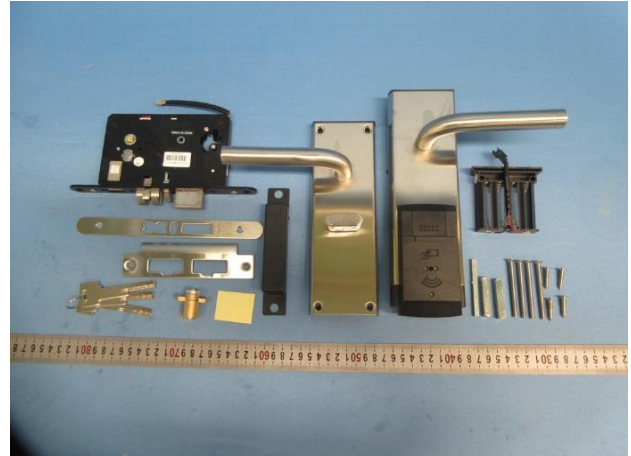
**Base RFID(65)**



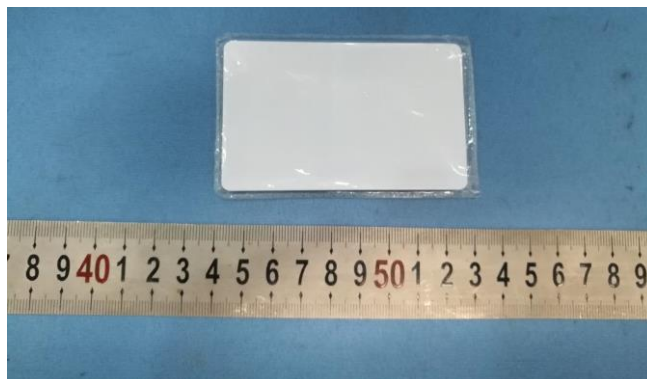
**Base RFID(75)**



**Base RFID(81)**



**Guardian RFID(G4)**





**TF Card**



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<p><b>Reviewed by:</b></p>   <p>Name: Jordan Lin Title: Project Engineer</p>	<p><b>Prepared by:</b></p>   <p>Name: Nelson Zhu Title: Engineer</p>
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**Revision:**

Revision No.	Date	Changes	Author	Reviewer
0	2017-07-19	First issue	Nelson Zhu	Jordan Lin
1	2017-09-14	Revise product model as Base RFID(65), Base RFID(75), Base RFID(81) and Guardian RFID(G4)	Nelson Zhu	Jordan Lin

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The End of Report