



Factory Fall down testing
Model EV07BX

Factory Fall down testing 1 least sensitive, 9 most sensitive

Devide model	EV07BX	Firmware version	v1.0.36.6	Date	2022.6.30-2022.7.2	
Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Fall testing environment: The mannequin used in the fall testing is 170CM tall, weight 75KG.						
Free Fall(real person)	1	1. Fall down level setting is 1 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	80%
	2	1. Fall down level setting is 2 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	80%
	3	1. Fall down level setting is 3 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	80%
	4	1. Fall down level setting is 4 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	90%
	5	1. Fall down level setting is 5 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	6	1. Fall down level setting is 6 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	7	1. Fall down level setting is 7 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	8	1. Fall down level setting is 8 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	9	1. Fall down level setting is 9 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%

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Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Wear device around mannequin's neck to fall forward	1	1. Fall down level setting is 1 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	F	70%
	2	1. Fall down level setting is 2 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	F	80%
	3	1. Fall down level setting is 3 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	F	90%
	4	1. Fall down level setting is 4 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	F	90%
	5	1. Fall down level setting is 5 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	6	1. Fall down level setting is 6 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	7	1. Fall down level setting is 7 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	8	1. Fall down level setting is 8 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	9	1. Fall down level setting is 9 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
Wear device around mannequin's neck to fall backwards	5	1. Fall down level setting is 5 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	6	1. Fall down level setting is 6 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	7	1. Fall down level setting is 7 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	8	1. Fall down level setting is 8 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	9	1. Fall down level setting is 9 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%

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Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Wear device around mannequin's hand to fall forward	1	1. Fall down level setting is 1 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls forward upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	F	70%
	2	1. Fall down level setting is 2 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls forward upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	F	80%
	3	1. Fall down level setting is 3 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls forward upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	F	80%
	4	1. Fall down level setting is 4 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls forward upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	F	90%
	5	1. Fall down level setting is 5 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls forward upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	6	1. Fall down level setting is 6 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls forward upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	7	1. Fall down level setting is 7 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls forward upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	8	1. Fall down level setting is 8 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls forward upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	9	1. Fall down level setting is 9 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls forward upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
Wear device on mannequin's hand to fall backwards	5	1. Fall down level setting is 5 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	6	1. Fall down level setting is 6 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	7	1. Fall down level setting is 7 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	8	1. Fall down level setting is 8 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	9	1. Fall down level setting is 9 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%

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Devide model	EV07BX	Firmware version	v1.0.36.6	Date	2022.6.30-2022.7.2	
Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Wear device around the neck, then sit down quickly(real person)	5	1. Fall down level setting is 5 2、 Device works normal.	1. Wear the device on the neck of the real person, standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	6	1. Fall down level setting is 6 2、 Device works normal.	1. Wear the device on the neck of the real person, standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	7	1. Fall down level setting is 7 2、 Device works normal.	1. Wear the device on the neck of the real person, standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	8	1. Fall down level setting is 8 2、 Device works normal.	1. Wear the device on the neck of the real person, standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	9	1. Fall down level setting is 9 2、 Device works normal.	1. Wear the device on the neck of the real person,standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
Wear the device on the hand, then sit down quickly (real person)	5	1. Fall down level setting is 5 2、 Device works normal.	1. Wear the device on the neck of the real person, standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	6	1. Fall down level setting is 6 2、 Device works normal.	1. Wear the device on the neck of the real person, standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	7	1. Fall down level setting is 7 2、 Device works normal.	1. Wear the device on the hand of the real person, standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	8	1. Fall down level setting is 8 2、 Device works normal.	1. Wear the device on the neck of the real person, standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	9	1. Fall down level setting is 9 2、 Device works normal.	1. Wear the device on the neck of the real person, standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0

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Devide model	EV07BX	Firmware version	v1.0.36.6	Date	2022.6.30-2022.7.2	
Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Wear the device on the hand, and raise the arm quickly and then lower it quickly(real person)	5	1. Fall down level setting is 5 2、 Device works normal.	1. Wear the device on the hand of the real person, standing up first,then the arm is quickly raised up and lowered 2. Repeat the test 10 times.	No fall down alert	P	0
	6	1. Fall down level setting is 6 2、 Device works normal.	1. Wear the device on the hand of the real person, standing up first,then the arm is quickly raised up and lowered 2. Repeat the test 10 times.	No fall down alert	P	0
	7	1. Fall down level setting is 7 2、 Device works normal.	1. Wear the device on the hand of the real person, standing up first,then the arm is quickly raised up and lowered 2. Repeat the test 10 times.	No fall down alert	P	0
	8	1. Fall down level setting is 8 2、 Device works normal.	1. Wear the device on the hand of the real person, standing up first,then the arm is quickly raised up and lowered 2. Repeat the test 10 times.	No fall down alert	P	0
	9	1. Fall down level setting is 9 2、 Device works normal.	1. Wear the device on the hand of the real person. standing up first,then the arm is quickly raised up and lowered. 2. Repeat the test 10 times.	No fall down alert	P	0
Wear on the hand then vibrate the device via pounding the table with your arm(Real person)	5	1. Fall down level setting is 5 2、 Device works normal.	1.Wear the device on the hand of a real personal,vibrate the device by pounding the table with your arm, then wait for 5 seconds; 2. Repeat the test 10times	No fall down alert	P	0
	6	1. Fall down level setting is 6 2、 Device works normal.	1.Wear the device on the hand of a real personal,vibrate the device by pounding the table with your arm, then wait for 5 seconds; 2. Repeat the test 10times	No fall down alert	P	0
	7	1. Fall down level setting is 7 2、 Device works normal.	1.Wear the device on the hand of a real personal,vibrate the device by pounding the table with your arm, then wait for 5 seconds; 2. Repeat the test 10times	No fall down alert	P	0
	8	1. Fall down level setting is 8 2、 Device works normal.	1.Wear the device on the hand of a real personal,vibrate the device by pounding the table with your arm, then wait for 5 seconds; 2. Repeat the test 10times	No fall down alert	P	0
	9	1. Fall down level setting is 9 2、 Device works normal.	1.Wear the device on the hand of a real personal,vibrate the device by pounding the table with your arm, then wait for 5 seconds; 2. Repeat the test 10times	No fall down alert	P	0

Factory Fall down testing 1 least sensitive, 9 most sensitive

Devide model	EV07BX	Firmware version	8601.29.2	Date	2021.11.02-2021.11.04	
Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Fall testing environment:						
The mannequin used in the fall testing is 170CM tall, weight 75KG.						
Free fall(Real person)	1	1. Fall down level setting is 1 2、 Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	80%
	2	1. Fall down level setting is 2 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	80%
	3	1. Fall down level setting is 3 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	90%
	4	1. Fall down level setting is 4 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	90%
	5	1. Fall down level setting is 5 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	6	1. Fall down level setting is 6 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	7	1. Fall down level setting is 7 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	8	1. Fall down level setting is 8 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	9	1. Fall down level setting is 9 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%

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Devide model	EV07BX	Firmware version	8601.29.2	Date	2021.11.02-2021.11.04	
Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Wear device around mannequin's neck to fall forward	1	1. Fall down level setting is 1 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	F	80%
	2	1. Fall down level setting is 2 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	F	80%
	3	1. Fall down level setting is 3 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	F	80%
	4	1. Fall down level setting is 4 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	F	90%
	5	1. Fall down level setting is 5 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	6	1. Fall down level setting is 6 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	7	1. Fall down level setting is 7 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	8	1. Fall down level setting is 8 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	9	1. Fall down level setting is 9 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
Wear device around mannequin's neck to fall backwards	5	1. Fall down level setting is 5 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	6	1. Fall down level setting is 6 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	7	1. Fall down level setting is 7 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	8	1. Fall down level setting is 8 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%
	9	1. Fall down level setting is 9 2. Device works normal.	1. The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2. Repeat the test 10 times.	Active the fall down alert	P	100%

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Devide model	EV07BX	Firmware version	8601.29.2	Date	2021.11.02-2021.11.04	
Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Wear device around mannequin's hand to fall forward	1	1. Fall down level setting is 1 2、 Device works normal.	1、 The device is worn on the mannequin's hand and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	F	80%
	2	1. Fall down level setting is 2 2、 Device works normal.	1、 The device is worn on the mannequin's hand and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	F	80%
	3	1. Fall down level setting is 3 2、 Device works normal.	1、 The device is worn on the mannequin's hand and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	F	90%
	4	1. Fall down level setting is 4 2、 Device works normal.	1、 The device is worn on the mannequin's hand and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	F	90%
	5	1. Fall down level setting is 5 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	6	1. Fall down level setting is 6 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	7	1. Fall down level setting is 7 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	8	1. Fall down level setting is 8 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	9	1. Fall down level setting is 9 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
Wear device on mannequin's hand to fall backwards	5	1. Fall down level setting is 5 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	6	1. Fall down level setting is 6 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	7	1. Fall down level setting is 7 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	8	1. Fall down level setting is 8 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	9	1. Fall down level setting is 9 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%

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Devide model	EV07BX	Firmware version	8601.29.2	Date	2021.11.02-2021.11.04	
Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Wear device around the neck, then sit down quickly(real person)	5	1. Fall down level setting is 5 2、 Device works normal.	1. Wear the device on the neck of the real person, standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	6	1. Fall down level setting is 6 2、 Device works normal.	1. Wear the device on the neck of the real person, standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	7	1. Fall down level setting is 7 2、 Device works normal.	1. Wear the device on the neck of the real person, standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	8	1. Fall down level setting is 8 2、 Device works normal.	1. Wear the device on the neck of the real person, standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	9	1. Fall down level setting is 9 2、 Device works normal.	1. Wear the device on the neck of the real person,standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
Wear the device on the hand, then sit down quickly (real person)	5	1. Fall down level setting is 5 2、 Device works normal.	1. Wear the device on the neck of the real person, standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	6	1. Fall down level setting is 6 2、 Device works normal.	1. Wear the device on the neck of the real person, standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	7	1. Fall down level setting is 7 2、 Device works normal.	1. Wear the device on the hand of the real person, standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	8	1. Fall down level setting is 8 2、 Device works normal.	1. Wear the device on the neck of the real person, standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	9	1. Fall down level setting is 9 2、 Device works normal.	1. Wear the device on the neck of the real person, standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0

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Devide model	EV07BX	Firmware version	8601.29.2	Date	2021.11.02-2021.11.04	
Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Wear the device on the hand, and raise the arm quickly and then lower it quickly(real person)	5	1. Fall down level setting is 5 2、 Device works normal.	1. Wear the device on the hand of the real person, standing up first,then the arm is quickly raised up and lowered 2. Repeat the test 10 times.	No fall down alert	P	0
	6	1. Fall down level setting is 6 2、 Device works normal.	1. Wear the device on the hand of the real person, standing up first,then the arm is quickly raised up and lowered 2. Repeat the test 10 times.	No fall down alert	P	0
	7	1. Fall down level setting is 7 2、 Device works normal.	1. Wear the device on the hand of the real person, standing up first,then the arm is quickly raised up and lowered 2. Repeat the test 10 times.	No fall down alert	P	0
	8	1. Fall down level setting is 8 2、 Device works normal.	1. Wear the device on the hand of the real person, standing up first,then the arm is quickly raised up and lowered 2. Repeat the test 10 times.	No fall down alert	P	0
	9	1. Fall down level setting is 9 2、 Device works normal.	1. Wear the device on the hand of the real person. standing up first,then the arm is quickly raised up and lowered. 2. Repeat the test 10 times.	No fall down alert	P	0
Wear on the hand then vibrate the device via pounding the table with your arm(Real person)	5	1. Fall down level setting is 5 2、 Device works normal.	1.Wear the device on the hand of a real personal,vibrate the device by pounding the table with your arm, then wait for 5 seconds; 2. Repeat the test 10times	No fall down alert	P	0
	6	1. Fall down level setting is 6 2、 Device works normal.	1.Wear the device on the hand of a real personal,vibrate the device by pounding the table with your arm, then wait for 5 seconds; 2. Repeat the test 10times	No fall down alert	P	0
	7	1. Fall down level setting is 7 2、 Device works normal.	1.Wear the device on the hand of a real personal,vibrate the device by pounding the table with your arm, then wait for 5 seconds; 2. Repeat the test 10times	No fall down alert	P	0
	8	1. Fall down level setting is 8 2、 Device works normal.	1.Wear the device on the hand of a real personal,vibrate the device by pounding the table with your arm, then wait for 5 seconds; 2. Repeat the test 10times	No fall down alert	P	0
	9	1. Fall down level setting is 9 2、 Device works normal.	1.Wear the device on the hand of a real personal,vibrate the device by pounding the table with your arm, then wait for 5 seconds; 2. Repeat the test 10times	No fall down alert	P	0

Factory Fall down testing 1 least sensitive, 9 most sensitive

Devide model	EV07BL	Firmware version	EV07BL.8601.2001	Date	2020.12.18-2020.12.19	
Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Free Fall(real person)	1	1. Fall down level setting is 1 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	70%
	2	1. Fall down level setting is 2 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	80%
	3	1. Fall down level setting is 3 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	80%
	4	1. Fall down level setting is 4 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	90%
	5	1. Fall down level setting is 5 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	6	1. Fall down level setting is 6 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	7	1. Fall down level setting is 7 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	8	1. Fall down level setting is 8 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	9	1. Fall down level setting is 9 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%



Factory Fall down testing
Model EV07W

Factory Fall down testing 1 most sensitive, 9 least sensitive

Devide model	EV07W	Firmware version	V07W_6107.1923	Date	2022.6.30-2022.7.2	
Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Fall testing environment:						
The mannequin used in the fall testing is 170CM tall, weight 75KG						
Free fall	1	1. Fall down level setting is 1 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	2	1. Fall down level setting is 2 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	3	1. Fall down level setting is 3 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	4	1. Fall down level setting is 4 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	5	1. Fall down level setting is 5 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	6	1. Fall down level setting is 6 3. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	90%
	7	1. Fall down level setting is 7 4. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	80%
	8	1. Fall down level setting is 8 5. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	80%
	9	1. Fall down level setting is 9 6. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	70%

Factory Fall down testing 1 most sensitive, 9 least sensitive

Devide model	EV07W	Firmware version	V07W_6107.1923	Date	2022.6.30-2022.7.2	
Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Wear device around mannequin's neck to fall forward	1	1. Fall down level setting is 1 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	2	1. Fall down level setting is 2 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	3	1. Fall down level setting is 3 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	4	1. Fall down level setting is 4 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	5	1. Fall down level setting is 5 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	6	1. Fall down level setting is 6 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	F	90%
	7	1. Fall down level setting is 7 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	F	80%
	8	1. Fall down level setting is 8 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	F	80%
	9	1. Fall down level setting is 9 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	F	70%
Wear device around mannequin's neck to fall backwards	1	1. Fall down level setting is 1 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	2	1. Fall down level setting is 2 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	3	1. Fall down level setting is 3 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	4	1. Fall down level setting is 4 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	5	1. Fall down level setting is 5 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%

Factory Fall down testing 1 most sensitive, 9 least sensitive

Devide model	EV07W	Firmware version	V07W_6107.1923	Date	2022.6.30-2022.7.2	
Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Wear device around mannequin's hand to fall forward	1	1. Fall down level setting is 1 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	2	1. Fall down level setting is 2 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	3	1. Fall down level setting is 3 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	4	1. Fall down level setting is 4 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	5	1. Fall down level setting is 5 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	6	1. Fall down level setting is 6 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	F	90%
	7	1. Fall down level setting is 7 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	F	80%
	8	1. Fall down level setting is 8 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	F	70%
	9	1. Fall down level setting is 9 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	F	70%
Wear device on mannequin's hand to fall backwards	1	1. Fall down level setting is 1 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls backwards upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	2	1. Fall down level setting is 2 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls backwards upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	3	1. Fall down level setting is 3 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls backwards upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	4	1. Fall down level setting is 4 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls backwards upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	5	1. Fall down level setting is 5 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls backwards upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%

Factory Fall down testing 1 most sensitive, 9 least sensitive

Devide model	EV07W	Firmware version	V07W_6107.1923	Date	2022.6.30-2022.7.2	
Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Wear device around the neck, then sit down quickly(Real person)	1	1. Fall down level setting is 1 2. Device works normal.	1. Wear the device on the neck of the real person. standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	2	1. Fall down level setting is 2 2. Device works normal.	1. Wear the device on the neck of the real person. standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	3	1. Fall down level setting is 3 2. Device works normal.	1. Wear the device on the neck of the real person. standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	4	1. Fall down level setting is 4 2. Device works normal.	1. Wear the device on the neck of the real person. standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	5	1. Fall down level setting is 5 2. Device works normal.	1. Wear the device on the neck of the real person. standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
Wear the device on the hand, then sit down quickly(real person)	1	1. Fall down level setting is 1 2. Device works normal.	1. Wear the device on the hand of the real person. standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	2	1. Fall down level setting is 2 2. Device works normal.	1. Wear the device on the hand of the real person. standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	3	1. Fall down level setting is 3 2. Device works normal.	1. Wear the device on the hand of the real person. standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	4	1. Fall down level setting is 4 2. Device works normal.	1. Wear the device on the hand of the real person. standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	5	1. Fall down level setting is 5 2. Device works normal.	1. Wear the device on the hand of the real person. standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0

Factory Fall down testing 1 most sensitive, 9 least sensitive

Devide model	EV07W	Firmware version	V07W_6107.1923	Date	2022.6.30-2022.7.2	
Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Wear the device on the hand, and raise the arm quickly and then lower it quickly (real person)	1	1. Fall down level setting is 1 2. Device works normal.	1. Wear the device on the hand of the real person. standing up first,then the arm is quickly raised up and lowered. 2. Repeat the test 10 times.	No fall down alert	P	0
	2	1. Fall down level setting is 2 2. Device works normal.	1. Wear the device on the hand of the real person. standing up first,then the arm is quickly raised up and lowered. 2. Repeat the test 10 times.	No fall down alert	P	0
	3	1. Fall down level setting is 3 2. Device works normal.	1. Wear the device on the hand of the real person. standing up first,then the arm is quickly raised up and lowered. 2. Repeat the test 10 times.	No fall down alert	P	0
	4	1. Fall down level setting is 4 2.Device works normal.	1. Wear the device on the hand of the real person. standing up first,then the arm is quickly raised up and lowered. 2. Repeat the test 10 times.	No fall down alert	P	0
	5	1. Fall down level setting is 5 2. Device works normal.	1. Wear the device on the hand of the real person. standing up first,then the arm is quickly raised up and lowered. 2. Repeat the test 10 times.	No fall down alert	P	0
Wear on the hand then vibrate the device via pounding the table with your arm(real person)	1	1. Fall down level setting is 1 2. Device works normal.	1.Wear the device on the hand of a real personal,vibrate the device by pounding the table with your arm, then wait for 5 seconds; 2. Repeat the test 10times	No fall down alert	P	0
	2	1. Fall down level setting is 2 2. Device works normal.	1.Wear the device on the hand of a real personal,vibrate the device by pounding the table with your arm, then wait for 5 seconds; 2. Repeat the test 10times	No fall down alert	P	0
	3	1. Fall down level setting is 3 2. Device works normal.	1.Wear the device on the hand of a real personal,vibrate the device by pounding the table with your arm, then wait for 5 seconds; 2. Repeat the test 10times	No fall down alert	P	0
	4	1. Fall down level setting is 4 2.Device works normal.	1.Wear the device on the hand of a real personal,vibrate the device by pounding the table with your arm, then wait for 5 seconds; 2. Repeat the test 10times	No fall down alert	P	0
	5	1. Fall down level setting is 5 2. Device works normal.	1.Wear the device on the hand of a real personal,vibrate the device by pounding the table with your arm, then wait for 5 seconds; 2. Repeat the test 10times	No fall down alert	P	0

Factory Fall down testing 1 most sensitive, 9 least sensitive

Devide model	EV07W	Firmware version	V07W_8601.1921	Date	2021.11.02-2021.11.04	
Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Fall testing environment:						
The mannequin used in the fall testing is 170CM tall, weight 75KG.						
Free fall	1	1. Fall down level setting is 1 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	2	1. Fall down level setting is 2 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	3	1. Fall down level setting is 3 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	4	1. Fall down level setting is 4 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	5	1. Fall down level setting is 5 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	6	1. Fall down level setting is 6 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	90%
	7	1. Fall down level setting is 7 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	90%
	8	1. Fall down level setting is 8 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	80%
	9	1. Fall down level setting is 9 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	70%

Factory Fall down testing 1 most sensitive, 9 least sensitive

Devide model	EV07W	Firmware version	V07W_8601.1921	Date	2021.11.02-2021.11.04	
Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Wear device around mannequin's neck to fall forward	1	1. Fall down level setting is 1 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	2	1. Fall down level setting is 2 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	3	1. Fall down level setting is 3 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	4	1. Fall down level setting is 4 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	5	1. Fall down level setting is 5 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	6	1. Fall down level setting is 6 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	F	90%
	7	1. Fall down level setting is 7 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	F	80%
	8	1. Fall down level setting is 8 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	F	80%
	9	1. Fall down level setting is 9 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls upright forward on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	F	70%
Wear device around mannequin's neck to fall backwards	1	1. Fall down level setting is 1 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	2	1. Fall down level setting is 2 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	3	1. Fall down level setting is 3 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	4	1. Fall down level setting is 4 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	5	1. Fall down level setting is 5 2. Device works normal.	1、 The device is worn on the neck of the mannequin and falls backwards upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%

Factory Fall down testing 1 most sensitive, 9 least sensitive

Devide model	EV07W	Firmware version	V07W_8601.1921	Date	2021.11.02-2021.11.04	
Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Wear device around mannequin's hand to fall forward	1	1. Fall down level setting is 1 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	2	1. Fall down level setting is 2 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	3	1. Fall down level setting is 3 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	4	1. Fall down level setting is 4 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	5	1. Fall down level setting is 5 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	6	1. Fall down level setting is 6 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	F	90%
	7	1. Fall down level setting is 7 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	F	80%
	8	1. Fall down level setting is 8 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	F	70%
	9	1. Fall down level setting is 9 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls forward upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	F	70%
Wear device on mannequin's hand to fall backwards	1	1. Fall down level setting is 1 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls backwords upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	2	1. Fall down level setting is 2 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls backwords upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	3	1. Fall down level setting is 3 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls backwords upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	4	1. Fall down level setting is 4 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls backwords upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	5	1. Fall down level setting is 5 2. Device works normal.	1、 The device is worn on the mannequin's hand and falls backwords upright on the floor, then wait for 5seconds. 2、 Repeat the test 10 times.	Active the fall down alert	P	100%

Factory Fall down testing 1 most sensitive, 9 least sensitive

Devide model	EV07W	Firmware version	V07W_8601.1921	Date	2021.11.02-2021.11.04	
Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Wear device around the neck, then sit down quickly(Real person)	1	1. Fall down level setting is 1 2. Device works normal.	1. Wear the device on the neck of the real person. standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	2	1. Fall down level setting is 2 2. Device works normal.	1. Wear the device on the neck of the real person. standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	3	1. Fall down level setting is 3 2. Device works normal.	1. Wear the device on the neck of the real person. standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	4	1. Fall down level setting is 4 2. Device works normal.	1. Wear the device on the neck of the real person. standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	5	1. Fall down level setting is 5 2. Device works normal.	1. Wear the device on the neck of the real person. standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
Wear the device on the hand, then sit down quickly(real person)	1	1. Fall down level setting is 1 2. Device works normal.	1. Wear the device on the hand of the real person. standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	2	1. Fall down level setting is 2 2. Device works normal.	1. Wear the device on the hand of the real person. standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	3	1. Fall down level setting is 3 2. Device works normal.	1. Wear the device on the hand of the real person. standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	4	1. Fall down level setting is 4 2. Device works normal.	1. Wear the device on the hand of the real person. standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0
	5	1. Fall down level setting is 5 2. Device works normal.	1. Wear the device on the hand of the real person. standing up first, then sit down upright quickly on the chair, and wait for 5 seconds. 2. Repeat the test 10 times.	No fall down alert	P	0

Factory Fall down testing 1 most sensitive, 9 least sensitive

Devide model	EV07W	Firmware version	V07W_8601.1921	Date	2021.11.02-2021.11.04	
Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Wear the device on the hand, and raise the arm quickly and then lower it quickly (real person)	1	1. Fall down level setting is 1 2. Device works normal.	1. Wear the device on the hand of the real person. standing up first,then the arm is quickly raised up and lowered. 2. Repeat the test 10 times.	No fall down alert	P	0
	2	1. Fall down level setting is 2 2. Device works normal.	1. Wear the device on the hand of the real person. standing up first,then the arm is quickly raised up and lowered. 2. Repeat the test 10 times.	No fall down alert	P	0
	3	1. Fall down level setting is 3 2. Device works normal.	1. Wear the device on the hand of the real person. standing up first,then the arm is quickly raised up and lowered. 2. Repeat the test 10 times.	No fall down alert	P	0
	4	1. Fall down level setting is 4 2.Device works normal.	1. Wear the device on the hand of the real person. standing up first,then the arm is quickly raised up and lowered. 2. Repeat the test 10 times.	No fall down alert	P	0
	5	1. Fall down level setting is 5 2. Device works normal.	1. Wear the device on the hand of the real person. standing up first,then the arm is quickly raised up and lowered. 2. Repeat the test 10 times.	No fall down alert	P	0
Wear on the hand then vibrate the device via pounding the table with your arm(real person)	1	1. Fall down level setting is 1 2. Device works normal.	1.Wear the device on the hand of a real personal,vibrate the device by pounding the table with your arm, then wait for 5 seconds; 2. Repeat the test 10times	No fall down alert	P	0
	2	1. Fall down level setting is 2 2. Device works normal.	1.Wear the device on the hand of a real personal,vibrate the device by pounding the table with your arm, then wait for 5 seconds; 2. Repeat the test 10times	No fall down alert	P	0
	3	1. Fall down level setting is 3 2. Device works normal.	1.Wear the device on the hand of a real personal,vibrate the device by pounding the table with your arm, then wait for 5 seconds; 2. Repeat the test 10times	No fall down alert	P	0
	4	1. Fall down level setting is 4 2.Device works normal.	1.Wear the device on the hand of a real personal,vibrate the device by pounding the table with your arm, then wait for 5 seconds; 2. Repeat the test 10times	No fall down alert	P	0
	5	1. Fall down level setting is 5 2. Device works normal.	1.Wear the device on the hand of a real personal,vibrate the device by pounding the table with your arm, then wait for 5 seconds; 2. Repeat the test 10times	No fall down alert	P	0

Factory Fall down testing 1 most sensitive, 9 least sensitive

Devide model	EV07W	Firmware version	V07W_8601.1921	Date	2020.12.18-2020.12.19	
Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Free fall	1	1. Fall down level setting is 1 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	2	1. Fall down level setting is 2 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	3	1. Fall down level setting is 3 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	4	1. Fall down level setting is 4 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	5	1. Fall down level setting is 5 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	6	1. Fall down level setting is 6 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	90%
	7	1. Fall down level setting is 7 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	80%
	8	1. Fall down level setting is 8 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	80%
	9	1. Fall down level setting is 9 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	70%

Fall down testing 1 most sensitive, 9 least sensitive

Devide model	EV07W	Firmware version	V07W_8601.1921	Date	2019.07.10-2019.07.11	
Testing Way	Fall down level	Precondition	Testing Step	Expected result	Acutal result	Sucess rate
Free fall	1	1. Fall down level setting is 1 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	2	1. Fall down level setting is 2 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	3	1. Fall down level setting is 3 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	4	1. Fall down level setting is 4 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	5	1. Fall down level setting is 5 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	P	100%
	6	1. Fall down level setting is 6 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	90%
	7	1. Fall down level setting is 7 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	80%
	8	1. Fall down level setting is 8 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	70%
	9	1. Fall down level setting is 9 2. Device works normal.	1、 Hold the device in hand to make the device fall freely on the wooden floor at a height of 1 meter, and wait for 5 seconds; 2、 Repeat the test 10 times.	Active the fall down alert	F	70%