ID #	Test Name	Test Description	Procedure Steps	Excepted Results	Notes
1	Power Button test #1	Verify startup logo appears on DUT screen	1. Press and hold Power button for 2 seconds 2. Observe DUT's LCD screen	DUT is powered on with no problem Startup logo appears on the screen properly	
2	Power Button test #2	Verify DUT is properly powered off	1. Press and hold Power button for 2 seconds 2. After DUT is powered on, press and hold Power Button for 2 seconds	DUT is powered off properly	
3	Shutter Button test #1	Verify the function of Shutter Button	1. Power on DUT 2. Capture an image with Shutter Button 3. Repeat #2 a few times	Images are captured promptly and no sluggish issue	
4	Shutter Button test #2	Verify the function of Shutter Button (Cont'd)	1. Power on DUT 2. Switch to video mode 3. Capture a video	Capture mode switched properly Video is successfully captured	
5	Switch Button test #1	Verify the function of Switch Button	1. Power on DUT 2. Switch to video mode 3. Switch back to image mode 4. Repeat #2~#3 for a few times	Capture mode is switched with no problem	
6	Switch Button test #2	Verify the function of Switch Button (Cont'd)	1. Power on DUT 2. Take several images 3. Switch to video mode 4. Take an video 5. Switch back image mode 6. Repeat #2~#5 a few times	Capture mode is switched with no problem	
7	Battery test #1	Confirm the DUT has battery of 4 hours capture time	1. Power on DUT 2. Switch to video mode 3. Capture a 4 hour video 4. Check DUT's temperature	DUT is able to record a 4 hour video without overheating	DUT is fully charged MicroSD card required
8	Battery test #2	Confirm the DUT has battery life of 10 hour standby	1. Power on DUT 2. Leave DUT standby for 10 hours 3. Power off DUT	DUT is able to stay idle for 10 hours and is able to be properly powered off	DUT is fully charged Auto shutdown off

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9	Vertical drop test #1	Verify DUT Power Button after vertical drop	1. DUT is powered off 2. Drop DUT from the building 3. Power on DUT	DUT powers on and Power Button works properly after vertical drop	15 meter tall building (5th floor)
10	Vertical drop test #2	Verify DUT Shutter Button after vertical drop	1. DUT is powered on 2. Drop DUT from the building 3. Capture images with Shutter Button	Images can be captured with no problem and Shutter Button works properly after vertical drop	15 meter tall building (5th floor)
11	Vertical drop test #3	Verify DUT Switch Button after vertical drop	1. DUT is powered on 2. Drop DUT from the building 3. Switch to video mode and capture video	DUT is able to switch to capture mode and Switch Button works properly after vertical drop	15 meter tall building (5th floor)
12	Water resistant test #1	Verify DUT is properly powered on after emerging from water	1. Attach DUT to a rope 2. Drop DUT into water 100m deep 3. Let DUT stay in water for several minutes	DUT is able to power on properly after it emerge from water	100m rope required 100m deep underwater
13	Water resistant test #2	Verify DUT's Shutter Button under water	1. Power on DUT 2. Take DUT and dive into water 3. Underwater, capture images at 20m, 40m, 60m, 80m and 100m	Images can be captured at different depth levels under water and Shutter Button works properly	Scuba diving required 100m deep underwater
14	Water resistant test #3	Verify DUT's Switch Button under water	1. Power on DUT 2. Take DUT and dive into water 3. Underwater, switch capture mode and take videos and images at 20m, 40m, 60m, 80m, and 100m	Images and videos can be captured at different depth levels under water and Switch Button works properly	Scuba diving required 100m deep underwater
15	Water resistant test #4	Verify all DUT's Buttons under water	1. DUT is powered off 2. Take DUT and dive into water 3. Underwater at 100m depth, power DUT on 4. Capture several images 5. Switch to video capture mode 6. Capture a video for several minutes	All DUT's buttons works properly at underwater 100m	Scuba diving required 100m deep underwater