

Date: 2013/ 9/ 3

Experimenter: PM- Camille/ HW- Danny & Chien-Da

Purpose: In order to see if (1) B5111 can be normally started at low temperature. (2) B5111 can be running while -55 degree.

Model: Zavio B5111

Power type: PoE/DC

**Test 1: Start at low temperature**

T1 : Freezer Operation Temperature

T2 : Inner Housing Temperature

	IR on	IR off	IR on	IR off	IR on	IR off	IR on	IR off	IR on	IR off
Constant Temperature before booting up of T1(°C)	/	/	-40		-30		-20		-10	
Constant Temperature before booting up of T2(°C)	48	45	-31,5	-31,3						
Boot up (Y/ N)	Y	Y	Y	Y						
Live view image (Y/ N)	Y	Y	Y	Y						
Constant Temperature after booting up of T1(°C)	/	/	-40							
Constant Temperature after booting up of T2(°C)	/	/	-11,3	-18,1						

Result: B5111 pass -40 degree environment temperature, so no need to test -30, -20...etc

**Test 2: Enpower B5111 and set the environment temperature to -55, to see B5111 still can work or not.**

T1 : Freezer Operation Temperature

T2 : Inner Housing Temperature

	IR on	IR off
Constant Temperature before booting up of T1(°C)	-40	
Constant Temperature before booting up of T2(°C)	-11,3	-18,1
Boot up (Y/ N)	Y	Y
Live view image (Y/ N)	Y	Y
Constant Temperature after booting up of T1(°C)	-55,3	
Constant Temperature after booting up of T2(°C)	-24,1	-29,9

Result: B5111 worked fine at -55 degree environment temperature.