



FCC TEST REPORT

FCC ID: 2BXOU-HC8

Product	:	CCTV Camera
Model Name	:	HC8
Additional models	:	S10,DH10,DB10,HT6
Brand	:	N/A
Report No.	:	PTC26072016605E-FC02
Prepared for		
Shenzhen Oo Technology Co., Ltd.		
Factory 4, 4F, Bldg 20, Area 2, Maluan Jiade Industrial Park, 67 Tongfu Rd, Tangkeng Community, Biling Subdist, Pingshan, Shenzhen, Guangdong, China		
Prepared by		
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TEST RESULT CERTIFICATION

Applicant's name : Shenzhen Oo Technology Co., Ltd.
Address : Factory 4, 4F, Bldg 20, Area 2, Maluan Jiade Industrial Park, 67 Tongfu Rd, Tangkeng Community, Biling Subdist, Pingshan, Shenzhen, Guangdong, China
Manufacture's name : Shenzhen Oo Technology Co., Ltd.
Address : Factory 4, 4F, Bldg 20, Area 2, Maluan Jiade Industrial Park, 67 Tongfu Rd, Tangkeng Community, Biling Subdist, Pingshan, Shenzhen, Guangdong, China
Product : CCTV Camera
Model Name : HC8
Additional Models : S10,DH10,DB10,HT6
Test procedure : FCC CFR47 Part 1.1307(b)(1)
Test Date : July 27, 2026 to August 11, 2026
Date of Issue : August 12, 2026
Test Result : PASS

This device described above has been tested by PTC, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Test Engineer:

A handwritten signature in black ink, appearing to read 'Jack Zhou'.

Jack Zhou / Engineer

Technical Manager:

A handwritten signature in black ink, appearing to read 'Simon Pu'.

Simon Pu / Manager



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2 Test Summary

Test Items	Test Requirement	Result
Maximum Permissible Exposure (Exposure of Humans to RF Fields)	15.247 (i)	PASS
Remark:		
N/A: Not Applicable		



3 General Information

3.1 General Description of E.U.T.

Product Name	:	CCTV Camera
Model Name	:	HC8
Additional models	:	S10,DH10,DB10,HT6
Specification	:	802.11b/g/n HT20
Operating frequency	:	2412-2462MHz for 802.11b/g/ n HT20
Numbers of Channel	:	11 Numbers for 802.11b/g/ n HT20
Smart System	:	802.11 b/g/n20
Antenna Type	:	PCB antenna
Antenna Gain	:	2.84 dBi
Type of Modulation	:	DSSS with DBPSK/DQPSK/CCK for 802.11b; OFDM with BPSK/QPSK/16QAM/64QAM for 802.11g/n;
Power Supply	:	DC 5V 1A
Hardware Version	:	N/A
Software Version	:	N/A
Test sample No.	:	PTC26072016605E-1/2, PTC26072016605E-2/2

Models Difference:

Differences between the covered models and the main test model are as follows:

1. The difference between HT6 and HC8 lies in the top of the product. HC8 has a flat top, while HT6 features an egg-shaped protruding top. All other specifications are identical.
2. The differences between DH10 and HC8 are as follows: HC8 adopts a decorative DH10 dummy dual-antenna appearance, whereas DH10 adopts a decorative dummy HC8 wall-mounted appearance; while single-antenna is desktop-mounted; HC8 has exposed infrared night-vision LEDs, while DH10 has hidden infrared night-vision LEDs. All other specifications are identical.
3. The differences between DB10 and HC8 are as follows: HC8 adopts a decorative dummy dual-antenna appearance, whereas DB10 adopts a decorative dummy appearance; single-antenna HC8 is wall-mounted while DB10 is desktop-mounted. All other specifications are identical.
4. The differences between S10 and HC8 are as follows: HC8 is wall-mounted while S10 is desktop-mounted. Both the upper-section and lower-section appearances of the S10 body differ from those of HC8.



4 RF Exposure

Test Requirement : FCC Part 1.1307(b)(1)

Evaluation Method : KDB 447498 D01 General RF Exposure Guidance v06

4.1 Requirements

Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess limit for maximum permissible exposure. In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as a mobile device whereby a distance of 0.2 m normally can be maintained between the user and the device.

4.2 The procedures / limit

(A) Limits for Occupational / Controlled Exposure

Frequency Range	Electric Field	Magnetic Field	Power Density (S)	Averaging Time
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842 / f	4.89 / f	(900 / f)*	6
30-300	61.4	0.163	1.0	6
300-1500			F/300	6
1500-100,000			5	6

(B) Limits for General Population / Uncontrolled Exposure

Frequency Range	Electric Field	Magnetic Field	Power Density (S)	Averaging Time
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f)*	30
30-300	27.5	0.073	0.2	30
300-1500			F/1500	30
1500-100,000			1.0	30

Note: f = frequency in MHz ; *Plane-wave equivalent power density



4.3 MPE Calculation Method

$$E \text{ (V/m)} = \frac{\sqrt{30 \times P \times G}}{d} \quad \text{Power Density: } P_d \text{ (W/m}^2\text{)} = \frac{E^2}{377}$$

E = Electric field (V/m)

P = Peak RF output power (W)

G = EUT Antenna numeric gain (numeric)

d = Separation distance between radiator and human body (m)

The formula can be changed to

$$P_d = \frac{30 \times P \times G}{377 \times d^2} \theta \varphi$$

From the peak EUT RF output power, the minimum mobile separation distance, d=0.2m, as well as the gain of the used antenna, the RF power density can be obtained

4.4 Test Result

Mode	Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Peak Output Power	Tune up tolerance (dBm)	Max Tune Up Power (mW)	Power Density (mW/cm ²)	Limit of Power Density (mW/cm ²)	Result
2412(11G)	2.84	1.92	14.31	14.31 ± 1	33.962527259	0.012993313	1	Pass

Conclusion:

1. Calculate in the worst-case mode.
2. Max. Tune Up Power is declared by manufacturer, and used to calculate.

*****THE END REPORT*****