

FCC RF EXPOSURE REPORT

FCC ID: 2AG7C-SPEED11

Project No. : 2102H035
Equipment : IP CAMERA
Brand Name : N/A
Test Model : Speed 11S
Series Model : Speed 11X, Speed 11T
Applicant : Hangzhou Meari Technology Co., Ltd.
Address : Room 604-605, Building 1, No. 768 Jianghong Road, Changhe street, Binjiang District, Hangzhou, Zhejiang, China
Manufacturer : Hangzhou Meari Technology Co., Ltd.
Address : No. 91 Chutian Road, Xixing Street, Binjiang District, Hangzhou, Zhejiang, China
Factory : Hangzhou Meari Technology Co., Ltd.
Address : No. 91 Chutian Road, Xixing Street, Binjiang District, Hangzhou, Zhejiang, China
Date of Receipt : Mar. 02, 2021
Date of Test : Mar. 04, 2021~Mar. 23, 2021
Issued Date : Mar. 25, 2021
Report Version : R00
Test Sample : Engineering Sample No.: SH20210301174, SH20210301174-1 for radiated; SH20210301174-3 for conducted.
Standard(s) : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

Maker Qi

Prepared by : Maker Qi

Issac Song

Approved by : Issac Song



Certificate # 5123. 03

Add: No. 29, Jintang Road, Tangzhen Industry Park, Pudong New Area, Shanghai 201210, China
 TEL: +86-021-61765666
 Web: www.newbtl.com

REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Mar. 25, 2021

1. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi r^2} = \frac{EIRP}{4\pi r^2}$$

- where:
- S = power density
 - P = power input to the antenna
 - G = power gain of the antenna in the direction of interest relative to an isotropic radiator
 - R = distance to the center of radiation of the antenna

Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	N/A	N/A	Dipole	N/A	1.79	N/A

Note:
The antenna gain is provided by the manufacturer.

2. TEST RESULTS

For 2.4GHz:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
1.79	1.5101	25.50	354.8134	0.10659	1	Complies

Note: The calculated distance is 20 cm.
Output power including tune up tolerance.

End of Test Report