

FCC RF EXPOSURE REPORT

FCC ID: 2AG7CMINI8

Project No. : 2102H004
Equipment : IP CAMERA
Brand Name : N/A
Test Model : Mini 8S
Series Model : Mini 8X, Mini 9S, Mini 9X, Mini 9T, Mini 12S, Mini 16S, Mini 16X
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 : Feb. 01, 2021
Date of Test : Feb. 01, 2021~Feb. 18, 2021
Issued Date : Feb. 20, 2021
Report Version : R00
Test Sample : Engineering Sample No.: SH2021020111-4 for radiated;
SH2021020111-5 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.

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Feb. 20, 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)
1	N/A	N/A	Internal	N/A	2.94

Note:

The antenna gain is provided by the manufacturer.

2. TEST RESULTS

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
2.94	1.96790	25	316.2278	0.06793	1	Complies

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

End of Test Report