FCC RF EXPOSURE REPORT

FCC ID: 2AG7C-MINI8

Project No.	:	2009H002
Equipment	:	IP CAMERA
Brand Name	:	N/A
Test Model	:	Mini 8S
Series Model	:	Mini 8X,Mini 9S;Mini 9X;Mini 9T;Mini 12S
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	:	Room 604-605,Building 1,No.768 Jianghong Road, Changhe street,Binjiang District,Hangzhou,zhejiang,China
Factory Address		Hangzhou Meari Technology Co., Ltd. No. 91 Chutian Road, Xixing Street, Binjiang District, Hangzhou, Zhejiang,China
Date of Receipt	:	Sep. 07, 2020
Date of Test	:	Sep. 07, 2020~Sep. 25, 2020
Issued Date	:	Sep. 30, 2020
Report Version	:	R00
Test Sample	:	Engineering Sample No.: SH2020090237-1,SH2020090237-2 SH2020090237-5
Standard(s)	:	FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091 FCC Title 47 Part 2.1091, OET Bulletin 65 Supplement C

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.	Sep. 30, 2020

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

For 2.4G:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	SMT	N/A	3

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
3.00	1.9953	16.07	40.4576	0.0161	1	Complies

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

End of Test Report