FCC RF EXPOSURE REPORT

FCC ID: 2AG7C-SPEED4

Project No.	:	2103H018
Equipment	:	IP CAMERA
Brand Name	:	N/A
Test Model	:	Speed 4S
Series Model	:	Speed 4X, Speed 6S, Speed 6X, WIFICI20CGY
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 Address		Hangzhou Meari Technology Co., Ltd. No. 91 Chutian Road, Xixing Street, Binjiang District, Hangzhou, Zhejiang, China
Date of Receipt	:	Mar. 19, 2021
Date of Test	:	Mar. 19, 2021~Apr. 08, 2021
Issued Date	:	Apr. 14, 2021
Report Version	:	R00
Test Sample	:	Engineering Sample No.: SH20210316169 for radiated; SH20210316170 for conducted; SH2021318235-5 for adapter.
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

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Apr. 14, 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	FPC	N/A	3.16

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
3.16	2.07010	25	316.2278	0.13023	1	Complies

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

End of Test Report