

FCC RF EXPOSURE REPORT

FCC ID: O5541SGY2

Project No.	: 2010H036A
Equipment	: IP Camera
Brand Name	: LOGIC, iSWAG, UNONU
Test Model	: SMART GYROCAM
Series Model	: SGY1, VIEW CAM
Applicant	: SWAGTEK
Address	: 10205 NW 19th St. STE101, Miami, Florida, United States, 33172
Manufacturer	: SWAGTEK
Address	: 10205 NW 19th St. STE101, Miami, Florida, United States, 33172
Factory	SWAGTEK
Address	10205 NW 19th St. STE101, Miami, Florida, United States, 33172
Date of Receipt	: Nov. 06, 2020
Date of Test	: Nov. 06, 2020~Nov. 21, 2020
Issued Date	: Jan.05,2021
Report Version	: R00
Test Sample	: Engineering Sample No.: SH2020110262,SH2020110261-1 SH2020110261-2
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	This report is based on the regular report (BTL-FCCP-1-2010H036, FCC ID: 2AG7CSPEED5). Only change the FCC ID and the general information that not effected the test. All the test results reference to the original report.	Jan.05,2021

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

For 2.4G:

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

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
3.00	1.9953	25	316.2278	0.1255	1	Complies

Note: The calculated distance is 20 cm.

Output power including tune up tolerance.

End of Test Report