FCC RF EXPOSURE REPORT

FCC ID: KA2CS8302LHA1

Project No.	:	2004H054
Equipment	:	Full HD Wi-Fi Camera
Brand Name	:	D-Link
Test Model	:	DCS-8302LH
Series Model	:	N/A
Applicant	:	D-Link Corporation
Address	:	17595 Mt. Herrmann, Fountain Valley, California United State 92708
Manufacturer	:	D-Link Corporation
Address	:	17595 Mt. Herrmann, Fountain Valley, California United State 92708
Factory	:	LEEDARSON LIGHTING CO., LTD.
Address	:	Xingtai Industrial Zone, Economic Development Zone, Changtai County, Zhangzhou City, Fujian Province, P.R.China
Date of Receipt	:	May 18, 2020
Date of Test	:	Jun. 01, 2020 ~ Jun. 05, 2020
Issued Date	:	Jun. 18, 2020
Report Version	:	R00
Test Sample	:	Engineering Sample No.: SH20200423218-5, SH20200423218-9
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	Jun. 18, 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

Ant.	Brand	Model Name	Antenna Type	Connector	Gain(dBi)
1	N/A	N/A	PCB	N/A	1.8

2. TEST RESULTS

For LE:

Directional gain (dBi)	Directional gain (numeric)	Max. tune up Power (dBm)	Max. tune up Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)	Test Result
1.8	1.5136	11.00	12.5893	0.00379	1	Complies

For 2.4GHz:

Directional gain (dBi)	Directional gain (numeric)	Max. tune up Power (dBm)	Max. tune up Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)	Test Result
1.8	1.5136	26.00	398.1072	0.11994	1	Complies

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

End of Test Report