RF EXPOSURE REPORT

Applicant	Zhenyi Technologies Co., Ltd.
Address	7F-H, Hangsheng Technology Building, No.8 Gaoxin South 6th Road, Nanshan District, Shenzhen, China

Manufacturer or Supplier	Zhenyi Technologies Co., Ltd.
Address	7F-H, Hangsheng Technology Building, No.8 Gaoxin South 6th Road, Nanshan District, Shenzhen, China
Product	GarageCam PT Pro
Additional Product	GarageCam PT, GarageCam PT Lite, Smart Garage Camera, DejavuCam PT, 2K indoor Pan & Tilt Camera
Brand Name	Kamia
Model	KGC210
Additional Models & Model Difference	K451G, KGC205, K420G, KGC201, KC145, K401, D2000,see items 1
Date of tests	Sep. 24, 2021 ~ Nov. 04, 2021

☒ **FCC Part 2 (Section 2.1091)**

☒ **KDB 447498 D01**

☒ **IEEE C95.1**

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Tested by Lucas Chen Project Engineer / EMC Department	Approved by Glyn He Assistant Manager / EMC Department
	 Date: Dec. 10, 2021

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM2109WDG0299	Original release	Dec. 10, 2021

1. CERTIFICATION

FCC ID:	2AX4XKGC210
PRODUCT:	GarageCam PT Pro
ADDITIONAL PRODUCT:	GarageCam PT, GarageCam PT Lite, Smart Garage Camera, DejavuCam PT, 2K indoor Pan & Tilt Camera
BRAND NAME:	Kamia
MODEL NO.:	KGC210
ADDITIONAL NO.:	K451G, KGC205, K420G, KGC201, KC145, K401, D2000
APPLICANT:	Zhenyi Technologies Co., Ltd.
STANDARDS:	FCC Part 2 (Section 2.1091)
	KDB 447498 D01
	IEEE C95.1

NOTES:

1. Additional models (see above table) are identical with the test model KGC210 except the appearance and model number for marketing purpose.
2. The product name corresponding to the model, as below:

PRODUCT	MODEL NO.	REMARKS
GarageCam PT Pro	KGC210, K451G	Gray base with magnet
GarageCam PT	KGC205, K420G	Gray base, no magnet
GarageCam PT Lite	KGC201	Gray base, no magnet
Smart Garage Camera	KC145	White base, no magnet
DejavuCam PT	K401	White base, no magnet
2K indoor Pan & Tilt Camera	D2000	White base, no magnet

2. RF EXPOSURE LIMIT

LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

FREQUENCY RANGE (MHz)	ELECTRIC FIELD STRENGTH (V/m)	MAGNETIC FIELD STRENGTH (A/m)	POWER DENSITY (mW/cm^2)	AVERAGE TIME (minutes)
LIMITS FOR GENERAL POPULATION / UNCONTROLLED EXPOSURE				
300-1500	…	…	F/1500	30
1500-100,000	…	…	1.0	30

F = Frequency in MHz

3. MPE CALCULATION FORMULA

$Pd = (Pout*G) / (4*pi*r^2)$

where

Pd = power density in mW/cm^2

Pout = output power to antenna in mW

G = gain of antenna in linear scale

Pi = 3.1416

R = distance between observation point and center of the radiator in cm

4. CLASSIFICATION

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user. So, this device is classified as **Mobile Device**.

5. ANTENNA GAIN

The antennas provided to the EUT, please refer to the following table:

Transmitter Circuit	Peak Gain (dBi)	Antenna Type
Chain 0	3	Integral Antenna

6. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

The tuned conducted Average Power (declared by client)

Mode	Frequency (MHz)	Target Power (dBm)	Tolerance (dBm)	Lower Tolerance (dBm)	Upper Tolerance (dBm)
802.11b	2412-2462	13	+-2	11	15
802.11g	2412-2462	15	+-2	13	17
802.11n(HT20)	2412-2462	13	+-2	11	15
802.11n(HT40)	2422-2452	12	+-2	10	14

The measured conducted Average Power

Mode	Frequency (MHz)	Averaged Power (dBm)
802.11b	2412	13.90
802.11g	2462	15.43
802.11n(HT20)	2437	13.48
802.11n(HT40)	2422	12.93

FREQUENCY BAND (MHz)	MAX AVERAGE POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm^2)	LIMIT (mW/cm^2)
2412-2462	17	3	20	0.019894	1.0

--- END ---