



Test Report No.: FM2101WDG0363

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	SHENZHEN AONI ELECTRONIC CO., LTD.
Address	building 5, Honghui Industrial Park, Baoan District, Shenzhen, China
Product	DejavuCam PT
Additional Product	2K Pan & Tilt Camera, 2K Indoor Pan & Tilt Camera
Brand Name	Kamia
Model	K401
Additional Models & Model Difference	KC145, D2000
Date of tests	Feb. 02, 2021 ~ Mar. 02, 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 Breeze Jiang Senior Project Engineer / EMC Department	Approved by Glyn He Assistant Manager / EMC Department

Date: Mar. 23, 2021

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Bureau Veritas Shenzhen Co., Ltd.
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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM2101WDG0363	Original release	Mar. 23, 2021

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1. CERTIFICATION

FCC ID:	2AX4XK401
PRODUCT:	DejavuCam PT
ADDITIONAL PRODUCT:	2K Pan & Tilt Camera, 2K Indoor Pan & Tilt Camera
BRAND NAME:	Kamia
MODEL NO.:	K401
ADDITIONAL NO.:	KC145, D2000
TEST SAMPLE:	Engineering Sample
APPLICANT:	Zhenyi Technologies Co., Ltd.
STANDARDS:	FCC Part 2 (Section 2.1091)
	KDB 447498 D01
	IEEE C95.1

Remark:

1. Additional models KC145, D2000 are identical with the test model K401 except the model name and model number for marketing purpose.
2. Model Information

Model Name	Model Number
2K Indoor Pan & Tilt Camera	D2000
2K Pan & Tilt Camera	KC145
DejavuCam PT	K401



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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

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

where

Pd = power density in mW/cm²

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**.



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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	15	+2	13	17
802.11g	2412-2462	15	+2	13	17
802.11n(HT20)	2412-2462	15	+2	13	17
802.11n(HT40)	2422-2452	13	+2	11	15

The measured conducted Average Power

Mode	Frequency (MHz)	Averaged Power (dBm)
802.11b	2462	16.05
802.11g	2412	16.23
802.11n(HT20)	2437	16.18
802.11n(HT40)	2422	14.18

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

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