

RF EXPOSURE REPORT

REPORT NO.: SA130925E07D

MODEL NO.: PT-3152C, PT-3152

FCC ID: RRK-PT3152

RECEIVED: Sep. 17, 2013

TESTED: Sep. 27, 2013

ISSUED: June 04, 2014

APPLICANT: Alpha Networks Inc.

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ISSUED BY: Bureau Veritas Consumer Products Services
(H.K.) Ltd., Taoyuan Branch Hsin Chu Laboratory

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
SA130925E07D	Original release	June 04, 2014

1. CERTIFICATION

PRODUCT: Wireless Day/Night PTZ Cloud Camera,
Wireless Day/Night PTZ Network Camera

BRAND NAME: ALPHA

MODEL NO.: PT-3152C, PT-3152

TEST SAMPLE: ENGINEERING SAMPLE

APPLICANT: Alpha Networks Inc.

TESTED DATE: Sep. 27, 2013

STANDARDS: FCC Part 2 (Section 2.1091)
FCC OET Bulletin 65, Supplement C (01-01)
IEEE C95.1

The above equipment (Model: PT-3152C) has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

PREPARED BY : Midoli Peng , **DATE:** June 04, 2014
(Midoli Peng, Specialist)

APPROVED BY : May Chen , **DATE:** June 04, 2014
(May Chen, Manager)

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

$$P_d = (P_{out} \cdot G) / (4 \cdot \pi \cdot r^2)$$

where

P_d = power density in mW/cm²

P_{out} = output power to antenna in mW

G = gain of antenna in linear scale

π = 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 antenna provided to the EUT, please refer to the following table:

Brand	Model	Antenna Type	Connector	Antenna Gain (dBi) (Include cable loss)	Cable Loss (dB)	Cable Length (cm)	Frequency range (MHz to MHz)
HL Technology	260-31076	Dipole	soldering	2.23	NA	5	2400 ~ 2500

6. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

FREQUENCY BAND (MHz)	CONDUCTED POWER (mW)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/ cm ²)	LIMIT (mW/cm ²)
2412 - 2462	410.204	2.23	20	0.13637	1.00

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