

Test Report No.: **1160037882a 001**

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Client: Hangzhou Hikvision Digital Technology Co., Ltd.
No.555 Qianmo Road,Binjiang District Hangzhou310052,China

Test item(s): Network Camera

Test Model No(s): iDS-2XM6810F-IM/C

Reference Style No(s). iDS-2XM6810F-I/C, iDS-2XM68XYZUV-ABCDEF

Sample Receiving date: 2017-06-20

Delivery condition: Apparent good, Samples tested as received

Test specification:

Test result:

Overall results according to tests performed

1. Cadmium, Lead, Chromium (VI), Mercury, Polybrominated biphenyls (PBB) and Polybrominated diphenyl ethers (PBDE) Benzylbutyl phthalate (BBP), Dibutyl phthalate (DBP), Bis(2-ethylhexyl) phthalate (DEHP), Diisobutyl phthalate (DIBP) **PASS**
According to RoHS (recast): Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment, 2011/65/EU last amended by (EU) 2015/863

Other Information:

Test period: 2017-06-20 ~ 2017-07-27

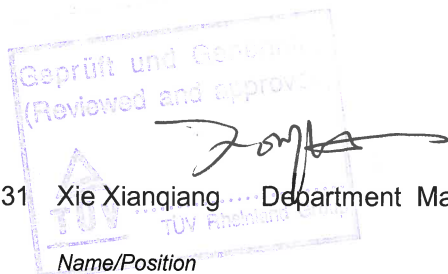
According to customer's requirement, only the appointed materials have been tested.

The testing items in the report were subcontracted to the lab which complied with ISO17025.

For and on behalf of
TÜV Rheinland / CCIC (Ningbo) Co., Ltd.

2017-07-31 Xie Xianqiang ... Department Manager

Date Name/Position



Test result is drawn according to the kind and extent of tests performed.

This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

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1. Screening Test by XRF Spectroscopy

 Test Method: Cadmium, Lead, Mercury, Chromium, Bromine
 -With reference to IEC 62321-3-1: 2013

Testing Period: 2017-06-20 ~ 2017-07-27

Material No.	Result (mg/kg)				
	Cd	Pb	Cr	Hg	Br
	Limit(mg/kg)				
	100	1000	Cr(VI): 1000	1000	PBB: 1000 PBDE: 1000
1-1(silvery coating)	n.d.	n.d.	n.d.	n.d.	n.d.
1-2(metal)(substrate)	n.d.	n.d.	n.d.	n.d.	N.A.
2-1(silvery coating)	n.d.	n.d.	n.d.	n.d.	n.d.
2-2(white plastic)(substrate)	n.d.	n.d.	n.d.	n.d.	d(^1)
3(dark gray glue)	n.d.	n.d.	n.d.	n.d.	n.d.
4(white glue)	n.d.	n.d.	n.d.	n.d.	n.d.
5(gray glue)	n.d.	n.d.	n.d.	n.d.	n.d.
6(pink glue)	n.d.	n.d.	n.d.	n.d.	n.d.
7-1(transparent plastic protective film)	n.d.	n.d.	n.d.	n.d.	n.d.
7-2(plastic sticker)	n.d.	n.d.	n.d.	n.d.	n.d.
8(black plastic)	n.d.	n.d.	n.d.	n.d.	d(^1)
9(black plastic)	n.d.	n.d.	n.d.	n.d.	n.d.
10(white plastic bushings)	n.d.	n.d.	n.d.	n.d.	n.d.
11-1(metal)(screw)	n.d.	n.d.	d(^2)	n.d.	N.A.
11-2(metal)(washer)	n.d.	n.d.	d(^2)	n.d.	N.A.
11-3(metal)(spring washer)	n.d.	n.d.	d(^2)	n.d.	N.A.
12(metal)(screw)	n.d.	n.d.	d(^2)	n.d.	N.A.
13(metal)(screw)	n.d.	n.d.	d(^2)	n.d.	N.A.
14(metal)(washer)	n.d.	n.d.	d(^2)	n.d.	N.A.
15(white sealant)	n.d.	n.d.	n.d.	n.d.	n.d.
16(heat shrink tubing)	n.d.	n.d.	n.d.	n.d.	n.d.
17-1(silvery metal)(nut)	n.d.	d(^1)	n.d.	n.d.	N.A.
17-2(green rubber ring)	n.d.	n.d.	n.d.	n.d.	n.d.
17-3(black plastic support)	n.d.	n.d.	n.d.	n.d.	n.d.
17-4(silvery metal sleeve)	d(^1)	d(^1)	n.d.	n.d.	N.A.
17-5(metal)(plug pin)	n.d.	n.d.	n.d.	n.d.	N.A.
18-1(white plastic frame)	n.d.	n.d.	n.d.	n.d.	n.d.

Material No.	Result (mg/kg)				
	Cd	Pb	Cr	Hg	Br
	Limit(mg/kg)				
	100	1000	Cr(VI): 1000	1000	PBB: 1000 PBDE: 1000
18-2(gold plastic film)	n.d.	n.d.	n.d.	n.d.	n.d.
18-3(silvery metal sleeve)	n.d.	d(^1)	n.d.	n.d.	N.A.
18-4(white plastic) (inner support)	n.d.	n.d.	n.d.	n.d.	n.d.
18-5(soldering tin)	n.d.	163 (P)	n.d.	n.d.	N.A.
19(white wire casing)	n.d.	n.d.	n.d.	n.d.	n.d.
20-1(yellow wire sheath)	n.d.	n.d.	n.d.	n.d.	n.d.
20-2(orange wire sheath)	n.d.	n.d.	n.d.	n.d.	n.d.
21-1(blue wire sheath)	n.d.	n.d.	n.d.	n.d.	n.d.
21-2(green wire sheath)	n.d.	n.d.	n.d.	n.d.	n.d.
22(silvery metal wire)	n.d.	n.d.	n.d.	n.d.	N.A.
23-1(white plastic)(connector)	n.d.	n.d.	n.d.	n.d.	n.d.
23-2(metal)(terminal)	n.d.	n.d.	n.d.	n.d.	N.A.
24-1(transparent plastic) (connector)	n.d.	n.d.	n.d.	n.d.	n.d.
24-2(metal)(terminal)	n.d.	n.d.	n.d.	n.d.	N.A.
25(red wire sheath)	n.d.	n.d.	n.d.	n.d.	n.d.
26(black wire sheath)	n.d.	n.d.	n.d.	n.d.	n.d.
27(white wire casing)	n.d.	n.d.	n.d.	n.d.	n.d.
28(white plastic bushings)	n.d.	n.d.	n.d.	n.d.	n.d.
29(white wire casing)	n.d.	n.d.	n.d.	n.d.	n.d.
30-1(black plastic)(connector)	n.d.	n.d.	n.d.	n.d.	n.d.
30-2(metal)(terminal)	n.d.	n.d.	n.d.	n.d.	N.A.
31-1(purple wire sheath)	n.d.	n.d.	n.d.	n.d.	n.d.
31-2(pink wire sheath)	n.d.	n.d.	n.d.	n.d.	n.d.
31-3(brown wire sheath)	n.d.	n.d.	n.d.	n.d.	n.d.
31-4(white wire sheath)	n.d.	n.d.	n.d.	n.d.	n.d.
31-5(yellow/blue wire sheath)	n.d.	n.d.	n.d.	n.d.	n.d.
31-6(yellow/black wire sheath)	n.d.	n.d.	n.d.	n.d.	n.d.
31-7(yellow/green wire sheath)	n.d.	n.d.	n.d.	n.d.	n.d.
31-8(yellow/gray wire sheath)	n.d.	n.d.	n.d.	n.d.	n.d.
32(white wire casing)	n.d.	n.d.	n.d.	n.d.	n.d.
33(label)	n.d.	n.d.	n.d.	n.d.	n.d.

Material No.	Result (mg/kg)				
	Cd	Pb	Cr	Hg	Br
	Limit(mg/kg)				
	100	1000	Cr(VI): 1000	1000	PBB: 1000 PBDE: 1000
34(beige plastic)(connector)	n.d.	n.d.	n.d.	n.d.	n.d.
35-1(blue plastic film) (electrolytic capacitor)	n.d.	n.d.	n.d.	n.d.	n.d.
35-2(aluminium tubing)	n.d.	n.d.	n.d.	n.d.	N.A.
35-3(inner core)	n.d.	n.d.	n.d.	n.d.	N.A.
35-4(black rubber)	n.d.	n.d.	n.d.	n.d.	n.d.
35-5(metal)(pins)	n.d.	n.d.	n.d.	n.d.	N.A.
36-1(yellow tape)(transformer)	n.d.	n.d.	n.d.	n.d.	n.d.
36-2(black plastic support)	n.d.	n.d.	n.d.	n.d.	n.d.
36-3(copper coil)	n.d.	n.d.	n.d.	n.d.	N.A.
36-4(magnet)	n.d.	n.d.	n.d.	n.d.	N.A.
36-5(metal)(pins)	n.d.	n.d.	n.d.	n.d.	N.A.
37(black plastic film) (electrolytic capacitor)	n.d.	n.d.	n.d.	n.d.	n.d.
38-1(black plastic shell)(relay)	n.d.	n.d.	n.d.	n.d.	d(^1)
38-2(black plastic) (inner support)	n.d.	n.d.	n.d.	n.d.	d(^1)
38-3(metal)(iron core)	n.d.	n.d.	n.d.	n.d.	N.A.
38-4(copper coil)	n.d.	n.d.	n.d.	n.d.	N.A.
38-5(metal)(magnet yoke)	n.d.	n.d.	n.d.	n.d.	N.A.
38-6(metal)(armature)	n.d.	n.d.	n.d.	n.d.	N.A.
38-7(metal)(contact pieces)	n.d.	n.d.	n.d.	n.d.	N.A.
38-8(electrical contacts)	n.d.	n.d.	n.d.	n.d.	N.A.
38-9(metal)(pins)	n.d.	n.d.	n.d.	n.d.	N.A.
39-1(black plastic button) (switch)	n.d.	n.d.	n.d.	n.d.	n.d.
39-2(silvery metal cover)	n.d.	n.d.	n.d.	n.d.	N.A.
39-3(black plastic shell)	n.d.	n.d.	n.d.	n.d.	n.d.
39-4(metal)(reed)	n.d.	n.d.	n.d.	n.d.	N.A.
39-5(metal)(pins)	n.d.	n.d.	n.d.	n.d.	N.A.
40-1(silvery metal)	n.d.	n.d.	n.d.	n.d.	N.A.
40-2(black plastic)	n.d.	n.d.	n.d.	n.d.	n.d.
41-1(gray plastic)(connector)	n.d.	n.d.	n.d.	n.d.	n.d.
41-2(beige plastic)	n.d.	n.d.	n.d.	n.d.	d(^1)