



TC-6319

SUMMARY OF TEST REPORT

Job No.: AU2/240215-001

ULR-TC631924200000140F

DATE: 27/02/2024

(Number of Pages in Test Report: Page No. 01 to 103)

**TEST FORMAT AS PER IS 13252(Part 1): 2010 + A1 : 2013 + A2 : 2015 / IEC 60950-1 : 2005 + A1:
2009 + A2 : 2013**

1. **Name of manufacturer:** Vivotek Inc.(Chung-Ho Plant)
2. **Product:** Network Camera (CCTV camera)
3. **Lead Model:** MS9321-EHV-V2 **Series Model:** MS231-EHV
4. **Model differences provided (if applicable):** Yes
5. **Model differences verified as per MEITY Guidelines for series formation:** Yes
6. **Test Results:** Refer below

PART A: GENERAL

SL.NO.	TEST REQUIREMENT	CLAUSE	VERDICT
1.	Components	1.5	P
2.	Power interface	1.6	P
3.	Marking and instructions	1.7	P

PART B: PROTECTION FROM HAZARDS

SL.NO.	TEST REQUIREMENT	CLAUSE	VERDICT
1.	Protection from electric shock and energy hazards	2.1	P
2.	SELV circuits	2.2	P
3.	TNV circuits	2.3	N/A
4.	Limited current circuits	2.4	N/A
5.	Limited power source	2.5	N/A
6.	Provision for earthing and bonding	2.6	N/A
7.	Over current and earth fault protection in primary circuits	2.7	N/A
8.	Safety interlocks	2.8	N/A
9.	Electrical insulation	2.9	P
10.	Clearance and Creepage distance and distance through insulation	2.10	P

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PART C: WIRING CONNECTIONS AND PHYSICAL REQUIREMENTS

SL.NO.	TEST REQUIREMENT	CLAUSE	VERDICT
1.	Wiring connections and supply	3.0	P
2.	General	3.1	P
3.	Connection to the mains supply	3.2	N/A
4.	Wiring terminals for connection of external conductors	3.3	N/A
5.	Disconnections from the main supply	3.4	N/A
6.	Interconnection of equipment	3.5	P
7.	Physical requirements	4.0	P
8.	Stability	4.1	N/A
9.	Mechanical strength	4.2	P
10.	Design and construction	4.3	P
11.	Protection against hazards moving parts	4.4	N/A
12.	Thermal requirements	4.5	P
13.	Openings in enclosures	4.6	N/A
14.	Resistance to fire	4.7	P

PART D: ELECTRICAL REQUIREMENTS AND SIMULATED ABNORMAL CONDITIONS

SL.NO.	TEST REQUIREMENT	CLAUSE	VERDICT
1.	Electrical requirements and simulated abnormal conditions	5.0	P
2.	Touch current and protective conductor current	5.1	N/A
3.	Electric strength	5.2	N/A
4.	Abnormal operating and fault conditions	5.3	P



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PART E: CONNECTION TO TELECOMMUNICATION NETWORK AND CABLE DISTRIBUTION SYSTEM

SL.NO.	TEST REQUIREMENT	CLAUSE	VERDICT
1.	Protection of telecommunication network service persons and users of other equipment connected to the network, from hazards in the equipment	6.1	N/A
2.	Protection of equipment users from overvoltage on telecommunication networks	6.2	N/A
3.	Protection of the telecommunication wiring system from overheating	6.3	N/A
4.	Connection to cable distribution systems	7	N/A
5.	General	7.1	N/A
6.	Protection of cable distribution system service persons, and users of other equipment connected to the system, from hazardous voltages in the equipment	7.2	N/A
7.	Protection of equipment users from overvoltages on the cable distribution system	7.3	N/A
8.	Insulation between primary circuits and cable distribution systems	7.4	N/A

GENERAL INFORMATION:

1. The conformity certificate of the critical components are verified to ensure complete testing of apparatus under test and details regarding harmonized IEC standards (where IEC standards are not available) are also provided in the list of critical components.
2. All tests have been performed on model: MS9321-EHV-V2

CONCLUSION:

1. Sample meets all relevant requirements of IS 13252 (part 1): 2010 + A1: 2013 + A2: 2015/ IEC 60950-1: 2005 + A1: 2009 + A2:2013.
2. ~~Sample fails to meet the following test requirements.~~
3. I, hereby undertake that the verdict stated in the test report for all the test matches with the test results. The sample meets all relevant requirements of IS 13252 (part 1): 2010 + A1 : 2013 + A2 : 2015/ IEC 60950-1 : 2005 + A1 : 2009 + A2 :2013/ ~~does not meet the requirements.~~ If any deviation found, suitable punitive action may be taken by BIS.



Date: 27/02/2024

(Signature of Authorized person with stamp)