



सत्यमेव जयते

दूरसंचार विभाग, भारत सरकार


DEPARTMENT OF TELECOMMUNICATIONS, GOVERNMENT OF INDIA

दूरसंचार अभियांत्रिकी केंद्र

TELECOMMUNICATION ENGINEERING CENTRE

CERTIFICATE OF CONFORMITY ASSESSMENT

This is to certify that the product described below conforms to the Essential Requirement issued by TEC under Mandatory Testing and Certification of Telecom Equipment as per Telecommunications (Framework to Notify Standards, Conformity Assessment and Certification) Rules, 2025.

| | | | |
|-------|--|--|--|
| i. | *Certificate No.: 379408160 | ii. | Dated: 17-Mar-2026 |
| iii. | Certificate Category: Regular | iv. | Certificate Type: NEW |
| v. | APPLICANT: SAN TELEQUIP PVT LTD, Deron Heights, office No. 504, 505, S. No. 270/1/23 Baner Road opp. Hotel Mahabaleshwar baner, Pune | vi. | ORIGINAL EQUIPMENT MANUFACTURER: SAN TELEQUIP PVT LTD, Deron Heights, office No. 504, 505, S. No. 270/1/23 Baner Road opp. Hotel Mahabaleshwar baner, Pune |
| vii. | PRODUCT NAME: LAN Switch | viii. | PRODUCT VARIANT: L2 LAN Switch |
| ix. | PREVIOUS CERTIFICATE NO.: NA | x. | PREVIOUS CERTIFICATE ISSUED DATE: NA |
| xi. | MODEL NO.: IPSMG 3016-2S Y | xii. | FAMILY NAME: NA |
| xiii. | ASSOCIATED MODEL NO.: As given at Table-1 overleaf | xiv. | INTERFACES TESTED: As given at Table-2 overleaf |
| xv. | SOFTWARE VERSION: V3.0.2.1-g630da275b | xvi. | HARDWARE VERSION: V1 |
| xvii. | VALID FROM: 17-Mar-2026 | xviii. | VALID UPTO: 16-Mar-2036 |
| xix. | ER NO.: TEC37942410 | <p style="text-align: right;">DIRECTOR (TC-1) K L Bhawan, Janpath, New Delhi - 110001</p> | |
| xx. | EMI / EMC CLASS: A | | |
| xxi. | QR CODE:  | | |

Note:

- *1. This certificate is valid for product(s) manufactured in India only, as per the details at Table-3.
2. This certificate is issued for model/family name indicated at (xi) above and applicable for associated/ family model(s) mentioned at Table-1, overleaf only.
3. Bill of Material covered under this certificate is given at Table-4.
4. Terms & Conditions mentioned at MTCTE portal (<https://www.mtcte.tec.gov.in/>) shall be applicable.
5. This is a certificate of conformity against the parameters of Essential Requirements only prescribed for the product and does not substitute the requirements of NSDTS (National Security Directive on Telecommunication Sector).

Table-1

| List of Associated/Family Models | |
|----------------------------------|--------------------------|
| i. | IPSMG 308-6S A |
| ii. | IPSMG 308-4S A |
| iii. | IPSMG 308-2S A |
| iv. | IPSMG 304-2S A |
| v. | IPSMG 302-2S A |
| vi. | IESM S 3016-DC |
| vii. | IESM S 308-2F-MM-SC-DC |
| viii. | IESMG 308-4S A |
| ix. | IESM S 304-4F-SM20-SC-DC |



Table-2

| List of Interfaces Tested | |
|---------------------------|-----------------------------|
| i. | 10 100 1000 BASE-T Ethernet |
| ii. | 10 100 BASE-T Ethernet |
| iii. | 1 G Optical Ethernet |
| iv. | Fast Ethernet Optical |



Table-3

| List of manufacturing locations (as declared by the applicant) for which this certificate (No. 379408160) is valid: | | | | | | | | |
|---|------------------------|------------------------|--|--------------------------------------|---------------------|----------------|--------------------|----------------------------|
| S. No. | Product Model number | Contract Manufacturing | Manufacturing Location Address | Contact Person Name (Plant Incharge) | E-mail-ID | Contact number | *Country Of Origin | **Country of Manufacturing |
| 1 | IPSMG 3016-2S Y | No | SAN TELEQUIP PRIVATE LIMITED Deron Heights 5th Floor Office No. 504 and 505 S. No. 270/1/23 Baner Road Baner Pune-411045 | Jitendra Agrawal | ceo@santelequip.com | 7499653579 | India | India |
| 2 | IPSMG 308-6S A | No | SAN TELEQUIP PRIVATE LIMITED Deron Heights 5th Floor Office No. 504 and 505 S. No. 270/1/23 Baner Road Baner Pune-411045 | Jitendra Agrawal | ceo@santelequip.com | 7499653579 | India | India |
| 3 | IPSMG 308-4S A | No | SAN TELEQUIP PRIVATE LIMITED Deron Heights 5th Floor Office No. 504 and 505 S. No. 270/1/23 Baner Road Baner Pune-411045 | Jitendra Agrawal | ceo@santelequip.com | 7499653579 | India | India |
| 4 | IPSMG 308-2S A | No | SAN TELEQUIP PRIVATE LIMITED Deron Heights 5th Floor Office No. 504 and 505 S. No. 270/1/23 Baner Road Baner Pune-411045 | Jitendra Agrawal | ceo@santelequip.com | 7499653579 | India | India |
| 5 | IPSMG 304-2S A | No | SAN TELEQUIP PRIVATE LIMITED Deron Heights 5th Floor Office No. 504 and 505 S. No. 270/1/23 Baner Road Baner Pune-411045 | Jitendra Agrawal | ceo@santelequip.com | 7499653579 | India | India |
| 6 | IPSMG 302-2S A | No | SAN TELEQUIP PRIVATE LIMITED Deron Heights 5th Floor Office No. 504 and 505 S. No. 270/1/23 Baner Road Baner Pune-411045 | Jitendra Agrawal | ceo@santelequip.com | 7499653579 | India | India |
| 7 | IESM S 3016-DC | No | SAN TELEQUIP PRIVATE LIMITED Deron Heights 5th Floor Office No. 504 and 505 S. No. 270/1/23 Baner Road Baner Pune-411045 | Jitendra Agrawal | ceo@santelequip.com | 7499653579 | India | India |
| 8 | IESM S 308-2F-MM-SC-DC | No | SAN TELEQUIP PRIVATE LIMITED Deron Heights 5th Floor Office No. 504 and 505 S. No. 270/1/23 Baner Road Baner Pune-411045 | Jitendra Agrawal | ceo@santelequip.com | 7499653579 | India | India |
| 9 | IESMG 308-4S A | No | SAN TELEQUIP PRIVATE LIMITED Deron Heights 5th Floor Office No. 504 and 505 S. | Jitendra Agrawal | ceo@santelequip.com | 7499653579 | India | India |

List of manufacturing locations (as declared by the applicant) for which this certificate (No. 379408160) is valid:

| | | | | | | | | |
|----|--------------------------|----|--|------------------|---------------------|------------|-------|-------|
| | | | No. 270/1/23 Baner Road Baner Pune-411045 | | | | | |
| 10 | IESM S 304-4F-SM20-SC-DC | No | SAN TELEQUIP PRIVATE LIMITED Deron Heights 5th Floor Office No. 504 and 505 S. No. 270/1/23 Baner Road Baner Pune-411045 | Jitendra Agrawal | ceo@santelequip.com | 7499653579 | India | India |

Note: *1. Country of Origin is as per the criteria defined under Custom Rules.

**2. Country of Manufacturing refers to the place where the Telecom product under certification against product model number given above is manufactured/assembled as complete unit only.



Table-4

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)

| Module Name/Attribute Name | Module Code | Module Hardware Version | Module Software Version | Sub Unit Name | Sub Unit Model No. | Remarks | Module present in Main Model | Module present in Associated model-1 | Module present in Associated model-2 | Module present in Associated model-3 | Module present in Associated model-4 | Module present in Associated model-5 | Module present in Associated model-6 | Module present in Associated model-7 | Module present in Associated model-8 | Module present in Associated model-9 |
|----------------------------|-------------|-------------------------|-------------------------|---------------|--------------------|--|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Module No. | | | | | | | IPSMG 3016-2S Y | IPSMG 308-6S A | IPSMG 308-4S A | IPSMG 308-2S A | IPSMG 304-2S A | IPSMG 302-2S A | IESM S 3016-DC | IESM S 308-2F-MM-SC-DC | IESMG 308-4S A | IESM S 304-4F-SM20-SC-DC |
| EMC Class | Class A | | | | | EMC Class | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Main board | IPSMG | V1 | V3.0.2.1-g630da275b | | | Mother board having 10 100 1000 BASE-T Ethernet x 16Ports / 10 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)

| Module Name/Attribute Name | Module Code | Module Hardware Version | Module Software Version | Sub Unit Name | Sub Unit Model No. | Remarks | Module present in Main Model | Module present in Associated model-1 | Module present in Associated model-2 | Module present in Associated model-3 | Module present in Associated model-4 | Module present in Associated model-5 | Module present in Associated model-6 | Module present in Associated model-7 | Module present in Associated model-8 | Module present in Associated model-9 |
|----------------------------|-------------|-------------------------|-------------------------|---------------|--------------------|---|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| | | | | | | 100 BASE-T Ethernet x 16 Ports, 1G Optical Ethernet x 2 Ports / Fast Ethernet Optical x 2 Ports IPSMG 3016- | | | | | | | | | | |

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)

| Module Name/Attribute Name | Module Code | Module Hardware Version | Module Software Version | Sub Unit Name | Sub Unit Model No. | Remarks | Module present in Main Model | Module present in Associated model-1 | Module present in Associated model-2 | Module present in Associated model-3 | Module present in Associated model-4 | Module present in Associated model-5 | Module present in Associated model-6 | Module present in Associated model-7 | Module present in Associated model-8 | Module present in Associated model-9 |
|----------------------------|-------------|-------------------------|-------------------------|---------------|--------------------|--|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| | | | | | | 2S Y: 10 100 1000 BASE-T/ 10 100 BASE-T Ethernet x 16 Ports, 1G Optical / Fast Ethernet Optical Ethernet x 2 Ports | | | | | | | | | | |

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)

| Module Name/Attribute Name | Module Code | Module Hardware Version | Module Software Version | Sub Unit Name | Sub Unit Model No. | Remarks | Module present in Main Model | Module present in Associated model-1 | Module present in Associated model-2 | Module present in Associated model-3 | Module present in Associated model-4 | Module present in Associated model-5 | Module present in Associated model-6 | Module present in Associated model-7 | Module present in Associated model-8 | Module present in Associated model-9 |
|----------------------------|-------------|-------------------------|-------------------------|---------------|--------------------|---|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| | | | | | | IPSMG 308-6S A : 10 100 1000 BASE-T/ 10 100 BASE-T Ethernet x 8 Ports, 1G Optical / Fast Ethernet Optical Ethernet | | | | | | | | | | |

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)

| Module Name/Attribute Name | Module Code | Module Hardware Version | Module Software Version | Sub Unit Name | Sub Unit Model No. | Remarks | Module present in Main Model | Module present in Associated model-1 | Module present in Associated model-2 | Module present in Associated model-3 | Module present in Associated model-4 | Module present in Associated model-5 | Module present in Associated model-6 | Module present in Associated model-7 | Module present in Associated model-8 | Module present in Associated model-9 | |
|----------------------------|-------------|-------------------------|-------------------------|---------------|--------------------|--|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| | | | | | | et x 6 Ports IPSMG 308-4S A :10 100 1000 BASE- T/ 10 100 BASE- T Ethernet x 8 Ports, 1G Optical / Fast Ethernet | | | | | | | | | | | |

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)

| Module Name/Attribute Name | Module Code | Module Hardware Version | Module Software Version | Sub Unit Name | Sub Unit Model No. | Remarks | Module present in Main Model | Module present in Associated model-1 | Module present in Associated model-2 | Module present in Associated model-3 | Module present in Associated model-4 | Module present in Associated model-5 | Module present in Associated model-6 | Module present in Associated model-7 | Module present in Associated model-8 | Module present in Associated model-9 |
|----------------------------|-------------|-------------------------|-------------------------|---------------|--------------------|---|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| | | | | | | Optical Ethernet x 4 Ports IPSMG 308-2S A : 10 100 1000 BASE-T/ 10 100 BASE-T Ethernet x 8 Ports, 1G Optical / Fast | | | | | | | | | | |

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)

| Module Name/Attribute Name | Module Code | Module Hardware Version | Module Software Version | Sub Unit Name | Sub Unit Model No. | Remarks | Module present in Main Model | Module present in Associated model-1 | Module present in Associated model-2 | Module present in Associated model-3 | Module present in Associated model-4 | Module present in Associated model-5 | Module present in Associated model-6 | Module present in Associated model-7 | Module present in Associated model-8 | Module present in Associated model-9 |
|----------------------------|-------------|-------------------------|-------------------------|---------------|--------------------|---|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| | | | | | | Ethernet Optical Ethernet x 2 Ports IPSMG 304-2S A : 10 100 1000 BASE-T/ 10 100 BASE-T Ethernet x 4 Ports, 1G | | | | | | | | | | |

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)

| Module Name/Attribute Name | Module Code | Module Hardware Version | Module Software Version | Sub Unit Name | Sub Unit Model No. | Remarks | Module present in Main Model | Module present in Associated model-1 | Module present in Associated model-2 | Module present in Associated model-3 | Module present in Associated model-4 | Module present in Associated model-5 | Module present in Associated model-6 | Module present in Associated model-7 | Module present in Associated model-8 | Module present in Associated model-9 |
|----------------------------|-------------|-------------------------|-------------------------|---------------|--------------------|---|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| | | | | | | Optical / Fast Ethernet Optical Ethernet x 2 Ports IPSMG 302-2S A : 10 100 1000 BASE-T/ 10 100 BASE-T Ethernet x 2 | | | | | | | | | | |

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)

| Module Name/Attribute Name | Module Code | Module Hardware Version | Module Software Version | Sub Unit Name | Sub Unit Model No. | Remarks | Module present in Main Model | Module present in Associated model-1 | Module present in Associated model-2 | Module present in Associated model-3 | Module present in Associated model-4 | Module present in Associated model-5 | Module present in Associated model-6 | Module present in Associated model-7 | Module present in Associated model-8 | Module present in Associated model-9 |
|----------------------------|-------------|-------------------------|-------------------------|---------------|--------------------|--|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| | | | | | | Ports, 1G Optical / Fast Ethernet Optical Ethernet x 2 Ports IESM S 3016-DC : 10 100 BASE-T Ethernet x 16 Ports IESM S | | | | | | | | | | |

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)

| Module Name/Attribute Name | Module Code | Module Hardware Version | Module Software Version | Sub Unit Name | Sub Unit Model No. | Remarks | Module present in Main Model | Module present in Associated model-1 | Module present in Associated model-2 | Module present in Associated model-3 | Module present in Associated model-4 | Module present in Associated model-5 | Module present in Associated model-6 | Module present in Associated model-7 | Module present in Associated model-8 | Module present in Associated model-9 |
|----------------------------|-------------|-------------------------|-------------------------|---------------|--------------------|---|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| | | | | | | 308-2F-MM-SC-DC : 10 100 BASE-T Ethernet x 8 Ports, Fast Ethernet Optical Ethernet x 2 Ports IESMG 308-4S | | | | | | | | | | |

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)

| Module Name/Attribute Name | Module Code | Module Hardware Version | Module Software Version | Sub Unit Name | Sub Unit Model No. | Remarks | Module present in Main Model | Module present in Associated model-1 | Module present in Associated model-2 | Module present in Associated model-3 | Module present in Associated model-4 | Module present in Associated model-5 | Module present in Associated model-6 | Module present in Associated model-7 | Module present in Associated model-8 | Module present in Associated model-9 |
|----------------------------|-------------|-------------------------|-------------------------|---------------|--------------------|--|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| | | | | | | A: 10 100 1000 BASE-T/ 10 100 BASE-T Ethernet x 8 Ports, 1G Optical / Fast Ethernet Optical Ethernet x 4 Ports | | | | | | | | | | |

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)

| Module Name/Attribute Name | Module Code | Module Hardware Version | Module Software Version | Sub Unit Name | Sub Unit Model No. | Remarks | Module present in Main Model | Module present in Associated model-1 | Module present in Associated model-2 | Module present in Associated model-3 | Module present in Associated model-4 | Module present in Associated model-5 | Module present in Associated model-6 | Module present in Associated model-7 | Module present in Associated model-8 | Module present in Associated model-9 |
|----------------------------|-------------|-------------------------|-------------------------|---------------|--------------------|--|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| | | | | | | IESM S 304- 4F- SM20- SC- DC: 10 100 BASE- T Ethernet x 4 Ports, Fast Ethernet Optical Ethernet x 4 Ports | | | | | | | | | | |

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)

| Module Name/Attribute Name | Module Code | Module Hardware Version | Module Software Version | Sub Unit Name | Sub Unit Model No. | Remarks | Module present in Main Model | Module present in Associated model-1 | Module present in Associated model-2 | Module present in Associated model-3 | Module present in Associated model-4 | Module present in Associated model-5 | Module present in Associated model-6 | Module present in Associated model-7 | Module present in Associated model-8 | Module present in Associated model-9 |
|----------------------------|-------------|-------------------------|-------------------------|---------------|--------------------|--|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Power Input Rating | | | | | | DC Input Range : 48V to 57VDC , 10A Max | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| PoE Budget | | | | | | 15.4Wx16/8/4/2=246.4W/123.2W/61.6W/30.8W(PoE)30Wx16/8/4/2=480W | Y | Y | Y | Y | Y | Y | N | N | N | N |

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)

| Module Name/Attribute Name | Module Code | Module Hardware Version | Module Software Version | Sub Unit Name | Sub Unit Model No. | Remarks | Module present in Main Model | Module present in Associated model-1 | Module present in Associated model-2 | Module present in Associated model-3 | Module present in Associated model-4 | Module present in Associated model-5 | Module present in Associated model-6 | Module present in Associated model-7 | Module present in Associated model-8 | Module present in Associated model-9 |
|----------------------------|-------------|-------------------------|-------------------------|---------------|--------------------|-----------------------------------|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| | | | | | | /240W/ 120W/ 60W(PoE+) | | | | | | | | | | |
| 10 100 BASE-T Ethernet | RTL8380M | | | | | 10 100 BASE-T Ethernet x 16Ports | Y | Y | Y | Y | Y | Y | N | N | Y | N |
| 10 100 BASE-T Ethernet | RTL8380M | | | | | 10 100 BASE-T Ethernet x 16 Ports | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| 1G | RTL83 | | | | | 1G | Y | Y | Y | Y | Y | Y | N | N | Y | N |

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)

| Module Name/Attribute Name | Module Code | Module Hardware Version | Module Software Version | Sub Unit Name | Sub Unit Model No. | Remarks | Module present in Main Model | Module present in Associated model-1 | Module present in Associated model-2 | Module present in Associated model-3 | Module present in Associated model-4 | Module present in Associated model-5 | Module present in Associated model-6 | Module present in Associated model-7 | Module present in Associated model-8 | Module present in Associated model-9 |
|----------------------------|-------------|-------------------------|-------------------------|---------------|--------------------|--|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Optical Ethernet | 80M | | | | | Optical Ethernet x 2 Ports LR SFP used for testing | | | | | | | | | | |
| Fast Ethernet Optical | RTL8380M | | | | | Fast Ethernet Optical x 2 Ports 100BASE-LX10 SFP | Y | Y | Y | Y | Y | Y | N | Y | Y | Y |

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)

| Module Name/Attribute Name | Module Code | Module Hardware Version | Module Software Version | Sub Unit Name | Sub Unit Model No. | Remarks | Module present in Main Model | Module present in Associated model-1 | Module present in Associated model-2 | Module present in Associated model-3 | Module present in Associated model-4 | Module present in Associated model-5 | Module present in Associated model-6 | Module present in Associated model-7 | Module present in Associated model-8 | Module present in Associated model-9 |
|----------------------------|-------------|-------------------------|-------------------------|---------------|--------------------|------------------|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| | | | | | | used for testing | | | | | | | | | | |

*** End of the certificate***