



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.: 379408250	ii.	Dated: 13-Apr-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 Unmanaged Switch
ix.	PREVIOUS CERTIFICATE NO.: NA	x.	PREVIOUS CERTIFICATE ISSUED DATE: NA
xi.	MODEL NO.: IES 110-6F SM20 SC DC R T	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: 2.0.0	xvi.	HARDWARE VERSION: V1.0.0
xvii.	VALID FROM: 13-Apr-2026	xviii.	VALID UPTO: 12-Apr-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.	IES 106-2F MM SC DC R Y
ii.	IES 104-4F-SM20-SC-DC-R Y
iii.	IES 104-2F-MM-SC-DC
iv.	IES 104-1F SM20 SC DC
v.	IES 102-2F-SM20-SC-DC
vi.	IES 102-2F-MM-SC-DC
vii.	IES 1080 A
viii.	IES 1050 A
ix.	IES 1160 DC Y



Table-2

List of Interfaces Tested	
i.	10 100 BASE-T Ethernet
ii.	Fast Ethernet Optical



Table-3

List of manufacturing locations (as declared by the applicant) for which this certificate (No. 379408250) 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	IES 110-6F SM20 SC DC R T	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	IES 106-2F MM SC DC R 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
3	IES 104-4F- SM20-SC- DC-R 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
4	IES 104-2F- 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
5	IES 104-1F 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
6	IES 102-2F- 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
7	IES 102-2F- 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
8	IES 1080 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
9	IES 1050 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. 379408250) is valid:

			No. 270/1/23 Baner Road Baner Pune-411045					
10	IES 1160 DC 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

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.							IES 110-6F SM20 SC DC R T	IES 106-2F MM SC DC R Y	IES 104-4F- SM20- SC- DC-R Y	IES 104-2F- MM- SC-DC	IES 104-1F SM20 SC DC	IES 102-2F- SM20- SC-DC	IES 102-2F- MM- SC-DC	IES 1080 A	IES 1050 A	IES 1160 DC Y
EMC Class	Class A					EMC Class	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Main board	IES	V1.0.0	2.0.0			Mother board having 10 100 BASE-T Ethernet x 10 Ports,	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
						Fast Ethernet Optical x 6 Ports IES 110-6F SM20 SC DC R T :10 100 BASE-T Ethernet x 10 Ports, 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
						et Optical Ethernet x 6 Ports IES 106-2F MM SC DC R Y : 10 100 BASE-T Ethernet x 6 Ports, , Fast Ethernet et Optical										

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 x 2 Ports IES 104-4F- SM20- SC- DC-R Y: 10 100 BASE-T Ethernet x 04 Ports, Fast Ethernet Optical										

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 x 4 Ports IES 104-2F-MM-SC-DC : 10 100 BASE-T Ethernet x 4 Ports, 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 2 Ports IES 104-1F SM20 SC DC : 10 100 BASE- T Ethernet x 4 Ports, Fast Ethernet et Optical Ethernet x 1 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
						IES 102- 2F- SM20- SC-DC : 10 100 BASE- T Ethernet x 2 Ports, Fast Ethernet et Optical Ethernet x 2 Ports IES										

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
						102-2F-MM-SC-DC : 10 100 BASE-T Ethernet x 2 Ports, Fast Ethernet Optical Ethernet x 2 Ports IES 1080 A										

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
						: 10 100 BASE-T Ethernet x 8 Ports IES 1050 A : 10 100 BASE-T Ethernet x 5 Ports IES 1160 DC Y : 10 100										

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
						BASE-T Ethernet x 10 Ports										
Power Input Rating						DC Input Range : 12V to 48VDC , 1A Max	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
10 100 BASE-T Ethernet	IES					10 100 BASE-T Ethernet x 10 Ports	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
Fast Ethernet Optical	IES					Fast Ethernet Optical x 6 Ports LR-type free-fitted port is used for testing	Y	Y	Y	Y	N	Y	Y	N	N	N

*** End of the certificate ***