



दूरसंचार विभाग, भारत सरकार

DEPARTMENT OF TELECOMMUNICATIONS, GOVERNMENT OF INDIA

दूरसंचार अभियांत्रिकी केंद्र

TELECOMMUNICATION ENGINEERING CENTRE

**CERTIFICATE OF MANDATORY CONFORMANCE**

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 notified vide Indian Telegraph (Amendment) Rules, 2017.

i.	*Certificate No.: 244902979	ii.	Dated: 31-Dec-2024
iii.	Certificate Category: Regular	iv.	Certificate Type: NEW
v.	<b>APPLICANT:</b> SAN TELEQUIP PVT LTD, Deron Heights, office No. 504, 505, S. No. 270/1/23 Baner Road opp. Hotel Mahabaleshwar baner, Pune	vi.	<b>ORIGINAL EQUIPMENT MANUFACTURER:</b> SAN TELEQUIP PVT LTD, Deron Heights, office No. 504, 505, S. No. 270/1/23 Baner Road opp. Hotel Mahabaleshwar baner, Pune
vii.	<b>PRODUCT NAME:</b> IoT Gateway	viii.	<b>PRODUCT VARIANT:</b> IoT Gateway
ix.	<b>PREVIOUS CERTIFICATE NO.:</b> NA	x.	<b>PREVIOUS CERTIFICATE ISSUED DATE:</b> NA
xi.	<b>MODEL NO.:</b> GSF 8364	xii.	<b>FAMILY NAME:</b> NA
xiii.	<b>ASSOCIATED MODEL NO.:</b> As given at Table-1 overleaf	xiv.	<b>INTERFACES TESTED:</b> As given at Table-2 overleaf
xv.	<b>SOFTWARE VERSION:</b> MB-BSPV1.6	xvi.	<b>HARDWARE VERSION:</b> MB-REV2B
xvii.	<b>VALID FROM:</b> 31-Dec-2024	xviii.	<b>VALID UPTO:</b> 30-Dec-2034
xix.	<b>ER NO.:</b> TEC24492408		
xx.	<b>EMI / EMC CLASS:</b> A		
xxi.	<b>QR CODE:</b> 		

**DIRECTOR (TC-1)**

**K L Bhawan,**

**Janpath, New Delhi - 110001**

**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.

Table-1

List of Associated/Family Models	
i.	GSF 8362Q
ii.	GSF 8364 232
iii.	GSF 8364 485
iv.	GSF 8362Q FL1 232
v.	GSF 8362Q FL1 485
vi.	GSF 8362Q FL2 232
vii.	GSF 8362Q FL2 485



Table-2

List of Interfaces Tested	
i.	Fast Ethernet Electrical
ii.	GSM or GPRS or EDGE
iii.	LTE or LTE-A
iv.	WCDMA or HSPA
v.	WiFi



Table-3

List of manufacturing locations (as declared by the applicant) for which this certificate (No. 244902979) 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	GSF 8364 / GSF 8362Q / GSF 8364 232 /GSF 8364 485	No	San Telequip P Ltd 504/505 Deron Heights Baner Road Baner Pune 411045	Hitendra Uppal	huppal@santequip.com	9325097717	India	India
2	GSF 8362Q FL1 232 / GSF 8362Q FL1 485	No	San Telequip P Ltd 504/505 Deron Heights Baner Road Baner Pune 411045	Hitendra Uppal	huppal@santequip.com	9325097717	India	India
3	GSF 8362Q FL2 232 / GSF 8362Q FL2 485	No	San Telequip P Ltd 504/505 Deron Heights Baner Road Baner Pune 411045	Hitendra Uppal	huppal@santequip.com	9325097717	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	Module Code	Module Hardware	Module Software	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 No.						GSF 8364	GSF 8362Q	GSF 8364	GSF 8364	GSF 8362Q				
EMC Class	Class A					EMC Class	Y	Y	Y	Y	Y	Y	Y	Y
Main board	MB-ROUTE R	MB-REV2B	MB-BSPV1.6			Motherboard having 10/100 BASE-T Ethernet x 05 Port, 1 * Serial port and Dual SIM Main Model	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	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
						No. GSF 8364 has Ethernet 05 Ports, 1 * RS232/ RS485 Serial Port and Dual SIM Series Model No. GSF 8364 232 has Ethernet 05 Ports 1 *								

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

Module Name/Attribute	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
						RS232 Serial Port and Dual SIM Series Model No. GSF 8364 485 has Ethernet 05 Ports, 1 * RS485 Serial Port and Dual SIM Series Model No. GSF								

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

Module Name/Attribute	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
						8362Q has Ethernet 02 Ports, 1 * RS232/ RS485 Serial Port and Dual SIM Series Model No. GSF 8362Q FL1 232 has Ethernet 02 Ports, 1								

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

Module Name/Attribute	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
						* RS232 Serial Port and One SIM Series Model No. GSF 8362Q FL1 485 has Ethernet 02 Ports, 1 * RS485 Serial Port and One SIM Series Model								

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

Module Name/Attribute	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
						No. GSF 8362Q FL2 232 has Ethernet 02 Ports, 1 * RS232 Serial Port and Dual SIM Series Model No. GSF 8362Q FL2 485 has Ethernet 02 Ports, 1								

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

Module Attribute Name	Module Name/Attribute	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
							* RS485 Serial Port and Dual SIM								
Power Input							DC Input Range : 8V to 36VDC, 2A Max	Y	Y	Y	Y	Y	Y	Y	Y
10 /100 BASE-T Ethernet	MT7621 AT / A (INSIDE Microprocessor)	MB-REV2B	MB-BSPV1.6				10/ 100 BASE-T Ethernet x 05 Port	Y	Y	Y	Y	Y	Y	Y	Y
WiFi Interface	MT7603 E	MB-REV2B	MB-BSPV1.6				Frequency : 2.400G Hz to	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 Attribute Name	Module Name/Attribute	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
							2.4835G Hz & EIRP : <30 dBm								
LTE	EC20CE	MB-HDLG-128-SNNS	MB-REV2B	MB-BSPV1.6			Cellular LTE Bands : LTE B1/B3/B5/B7/B8/B20/B34/B38/B39/B40/B41	Y	Y	Y	Y	Y	Y	Y	Y
WCDMA	EC20CE	MB-HDLG-128-SNNS	MB-REV2B	MB-BSPV1.6			Cellular WCDMA Bands : Band 2100,	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	Module Code	Module Hardware	Module Software	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
						1900, 850, 900, 800, 1700								
GSM	EC20CE	MB-HDLG-128-SNNS	MB-REV2B	MB-BSPV1.6		Cellular GSM Bands : Band 900, 1800, 850, 1900 MHz	Y	Y	Y	Y	Y	Y	Y	Y

\*\*\* End of the certificate\*\*\*