



दूरसंचार विभाग, भारत सरकार


DEPARTMENT OF TELECOMMUNICATION, 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.: 594301778	ii.	Dated: 01-Mar-2024
iii.	Certificate Category: Regular	iv.	Certificate Type: NEW
v.	APPLICANT: Belden India Private Limited, Unit No 233-236 2nd floor Spazende Tower B Sohna Road Sector 47 Gurugram Haryana 122002	vi.	ORIGINAL EQUIPMENT MANUFACTURER: Hirschmann Automation and Control GmbH, Stuttgarter Str. 45-51, 72654 Neckartenzlingen / Germany
vii.	PRODUCT NAME: Equipments Operating in 2.4 GHz and 5 GHz Band	viii.	PRODUCT VARIANT: Wifi Access Points and CPE
ix.	PREVIOUS CERTIFICATE NO.: NA	x.	PREVIOUS CERTIFICATE ISSUED DATE: NA
xi.	MODEL NO.: BAT450-F	xii.	FAMILY NAME: Yes
xiii.	ASSOCIATED MODEL NO.: As given at Table-1 overleaf	xiv.	INTERFACES TESTED: As given at Table-2 overleaf
xv.	SOFTWARE VERSION: 10.34.5565	xvi.	HARDWARE VERSION: 1.0
xvii.	VALID FROM: 01-Mar-2024	xviii.	VALID UPTO: 31-Dec-2032
xix.	ER NO.: TEC59432308	ANAND KATOCH Digitally signed by ANAND KATOCH Date: 2024.03.01 18:42:20 +05'30' DDG (TC) K L Bhawan, Janpath, New Delhi - 110001	
xx.	EMI / EMC CLASS: A		
xxi.	QR CODE: 		

Note:

- *1. This certificate is valid for product(s) manufactured in Germany 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.	BAT450-F



Table-2

List of Interfaces Tested	
i.	Gigabit Ethernet Electrical
ii.	WiFi



Table-3

List of manufacturing locations (as declared by the applicant) for which this certificate (No. 594301778) 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	BAT450-F	No	Hirschmann Automation and Control GmbH Stuttgart Str 45 51 72654 Neckartenzlingen Germany	Michael Schlecht	michael.schlecht@belden.com	497127142101	Germany	Germany

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 No.						
Family Name						BAT450-F
EMI/EMC Class of equipment:						Class A
BAT450-F Industrial Access Point		1.0	10.34.5565			HilCOS-10.34.xxxx
Sub Unit 1		S00	HilCOS-10.34.xxxx	Industrial Access Point	BAT450-F	
Microcontroller/Processor	MPC8314ECVRAG D	01	HilCOS-10.34.xxxx			Processor Frequency: 400MHz
Motherboard - PCB	742713002	G01	HilCOS-10.34.xxxx			
Radio module 5 GHz	WLE900VX	1.01				Max EIRP: 23.0 dBm
Radio module 2.4 GHz	WLE900VX	1.01				Max EIRP: 19.5 dBm
PSU - Power Supply - W (24V DC)	742712002	01				Max. Power Rating: Input DC24V,420mA

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
PSU - Power Supply - N (110V DC)	742907001	01				Max. Power Rating: Input DC110V,90mA
1 GE Ethernet (PoE Port)	210280000	01				Ethernet interface-1 - 10/100/1000Mbps (M12 X-code, connector, PoE Port)

*** End of the certificate***