



सत्यमेव जयते

दूरसंचार विभाग, भारत सरकार

DEPARTMENT OF TELECOMMUNICATION, GOVERNMENT OF INDIA


दूरसंचार अभियांत्रिकी केंद्र

TELECOMMUNICATION ENGINEERING CENTRE

CERTIFICATE OF MANDATORY CONFORMANCE INCLUDING SECURITY TESTING

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

| | | | |
|-------|------------------------------|--------|-----------------------------------|
| i. | Certificate No.: | ii. | Dated: |
| iii. | Certificate Category: | iv. | Certificate Type: |
| v. | APPLICANT: | vi. | ORIGINAL EQUIPMENT MANUFACTURER: |
| vii. | PRODUCT NAME: | viii. | PRODUCT VARIANT: |
| ix. | PREVIOUS CERTIFICATE NO. : | x. | PREVIOUS CERTIFICATE ISSUED DATE: |
| xi. | MODEL NO.: | xii. | FAMILY NAME: |
| xiii. | ASSOCIATED/FAMILY MODEL NO.: | xiv. | INTERFACES TESTED: |
| xv. | ER NO.: | xvi. | APPLICABLE ITSAR NO.- |
| xvii. | SOFTWARE VERSION: | xviii. | HARDWARE VERSION: |
| xix. | VALID FROM: | xx. | VALID UPTO: |
| xxi. | TSTL : | xxii. | DEFAULT SW SIGNATURE/HASH: |
| xxiv. | EMI / EMC CLASS: | | |
| xxi. | QR CODE: | | |



DIRECTOR(TC-I)
K L Bhawan,
Janpath, New Delhi - 110001

Note:



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) |



Table-5

| Model Name: BAT450-F Industrial Access Point, Model Number: NA | | | | | |
|--|----------------------|--------------------------------|--------------------------------------|-----------------------------|--|
| S. No | Module/Software Name | Module/Software Version Number | Integrity Hash Value of the Software | Module/Software Description | Manufacturer Name |
| 1 | HiLCOS Bootcode | 4.73 | null | Bootloader | Hirschmann Automation and Control GmbH |
| 2 | HiLCOS | 10.34.6926 | null | Operating System | Hirschmann Automation and Control GmbH |

*** End of the certificate ***

