Pakistan Telecommunication Authority

PTA

TYPE APPROVAL CERTIFICATE

Applicant Name:	CASSIA NETWORKS INC.
Model Number:	X2000
Brand:	CASSIA
Operating Frequency	**WiFi**:2.4-2.5GHz, 5.150-5.350GHz, 5.470-5.725GHz,5.725-5.875GHz,**BT**:2.402-2.480GHz
Type Approval Category:	Router
Features	Built in with WiFi/BT
Country of origin:	China

The Certificate is issued with the terms and conditions stated overleaf.

Date of Issuance: May, 16th

Director (Type Approval)

For and on behalf of
Pakistan Telecommunication Authority
PTA Headquarters, F-5/1, Islamabad, Pakistan
Tel: +92 51 9216767, Fax: +92 51 9216644
Say No to Corruption

To:
CASSIA NETWORKS INC.
97 E. Brokaw Road, Suite 130 San Jose, CA 95112
USA

Pakistan Telecommunication Authority

TAC NO: 9.248/2024

Terms and Conditions

Type Approval Certificate is granted to **CASSIA NETWORKS INC.97 E. Brokaw Road, Suite 130 San Jose, CA 95112 USA** on non-exclusive basis for sale and marketing of the equipment under the following terms and conditions:

1. This Type Approval Certificate is valid subject to Pakistan Telecommunication Re-organization Act 1996, Rules, Regulations, and subsequent amendments therein or directions of the Authority and other applicable laws of Pakistan. It may be cancelled if:

   1.1 Any information given by the applicant is found to be false or misleading, later.
   1.2 It is in contravention of the Type Approval Technical Standards Regulations 2021 and other Regulations, guidelines and directives issued by the Authority from time to time.

2. The device is to be type approved must be complied in line with Type Approval Regulations 2021 (14) related to *"Identity of Terminal Equipment that is type approved by PTA"*.
3. In the event of cancellation of this type approval Certificate, PTA will not admit any claim or liability on account of any investment made by the licensee / company.
4. The device will neither have in-built encryption nor will be attached externally to an encryption device without prior approval of PTA. Furthermore, device shall comply to following conditions:
   - *User data within the devices would be secure and would not be used for mala fide purpose*
   - *No Encoded data from devices will be transmitted to servers hosted outside Pakistan*
   - *While performing, factory reset of device to factory setting no encrypted data is to be transmitted to hosted servers outside territory of Pakistan*
5. The device shall operate only within frequency allocated by PTA /FAB and ensure it will comply with output power/range conditions issued by PTA/FAB where applicable.
6. The device operates within the ISM band and will comply with PTA issued Revised ISM Band Regulations SRO 287(I)/2016 dated 12th February, 2016
7. If the product is found faulty and complaints are received from the customers, type approval holder will be obliged to replace the faulty devices.
8. PTA has the right to cancel/suspend the issued Type Approval Certificate in case the product being imported/sold is found to be having manufacturing faults, hazardous to health/safety and not conforming to standards stated at the time of type approval
9. As per Type Approval Technical Standards Regulations, 2021 10 (7) if already type approved model has been upgraded by the manufacturer and there is no change in the hardware but in the software, it will not require Type approval from the Authority. However, if the hardware for the device has been changed amounting to modification of equipment it shall be considered to be a new model, the model will require a fresh type approval.
10. The device range should not exceed 100 meters, as per undertaking provided by your company. In case of violation, the certificate shall be cancelled.
10. Maximum output power for WiFi:**2.4-2.5GHz/5.725-5.875GHz**:1W,**5.150-5.350GHz/5.470-5.725GHz**:≤200mW and **BT**:100mW.
11. The type approval holder will abide by above referred terms and conditions. In case of non-compliance, legal action shall be initiated as per Telecom Act and PTA Regulations against the type approval holder.

Copy for information to:-

i) Collector of Customs, Karachi/ Lahore/Islamabad/Peshawar.
ii) Director General (Enforcement) PTA H/Qs. F-5/1, Islamabad.
iii) Director Finance PTA H/Qs, Islamabad.