

Pakistan Telecommunication Authority



TYPE APPROVAL CERTIFICATE

**Applicant Name:** Banner Engineering Corp.  
**Model No:** RM824  
**Operating Frequency:** 2400 - 2483.5 MHz  
**Output Power:** 100 mWatt (20dBm)  
**Type Approval Category:** Wireless Radio Module

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

**Date of Issuance:** 11<sup>th</sup> July, 2013

Director (N&TA)

For and on behalf of  
Pakistan Telecommunication Authority  
PTA Headquarters, F-5/1, Islamabad, Pakistan  
Tel: +92 51 2878110, Fax: +92 51 9225359

To:

Banner Engineering Corp.  
9714 Tenth Avenue North  
Minneapolis, MN 55441 USA

# Pakistan Telecommunication Authority

TAC NO: 9.842/2013

## Terms and Conditions

Type Approval Certificate is granted **Banner Engineering Corp. 9714 Tenth Avenue, North Minneapolis, MN 5541 USA.** on non-exclusive basis for sale and marketing of the equipment under the following terms and conditions:

1. This Type Approval Certificate is 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 applicant is found to be false or misleading, later.*
- 1.2 it is in contravention of the Type Approval Regulations.*
- 1.3 the equipment fails to provide requisite service.*
- 1.4 the equipment found to be substandard.*
- 1.5 the equipment is sold in GRAY MARKET.*

2. Green round paper seal describing "PTA APPROVED MODEL" shall be affixed on each item, as per Type Approval Regulations 2004 (Section 22) available at PTA website [www.pta.gov.pk](http://www.pta.gov.pk).

3. In the event of cancellation, withdrawal or revocation of this type approval Certificate, PTA would not admit any claim or liability on account of any investment made by the licensee / company.

4. The device shall neither have in-built encryption nor can be attached externally to an encryption device without prior approval of PTA.

5. The device shall operate within ISM band 2400 - 2483.5 MHz on non-interference basis with maximum power of 100mWatt (20dBm).

6. The device shall operate in indoor premises on non-interference basis.

### ***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.