



High-Power RFID / NFC Mount on Metal Reader for Contactless Applications

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RFID Canada - RFID and NFC technology provider is introducing a new High-Power RFID Reader for Contactless Payment applications – the CPR46.

The CPR 46, also named myAXXESS flatOne, is manufactured by Feig Electronic, is an EMV Level 1 Certified contactless payment reader designed for payment applications as well as for e-Ticketing and e-Mobility applications.

One of the key features of the reader is its ability to mount on metal with full performance (EMV certification included testing when mounted on a metal sheet).

The CPR46 has a thin profile for flush mounting, only 3mm protrusion from the surface, low standby power to support solar or battery powered terminals.

It supports all next-generation contactless credit cards and contactless debit cards including the German girogo cash card. Furthermore, all common ISO14443-A and -B based smart cards could be read and NFC applications are supported. With four SAM Sockets (ID000 format), the CPR46 supports customer-specific security applications.

The reader offers high security authentication and encryption, data transfer between the reader and the host is AES256 encrypted. Firm-ware updates are protected by RSA algorithm and authentication.

Integrated in the CPR44 are SoftCrypto and SAMCrypto high-level features for easily operated access to encrypted data of MIFARE™ DESFire EV1, MIFARE™ PLUS and MIFARE™ Ultralight C smartcards. Software Development Kits (SDKs) are available for Windows and Linux (C++, Java, .NET).

About RFID Canada

RFID Canada is a technology provider. Products include all Passive frequencies - Low (LF), High (HF) and Ultra High (UHF) as well as Active frequency. RFID Canada is the Canadian distributor for Texas Instruments, Feig Electronic and Agrident.

RFID Canada provides the vital foundation to any RFID-based system and has been involved in successfully implementing over 200 systems globally.

RFID Canada, with its network of partners, has successfully implemented applications such as Animal Identification, Document Tracking, Traceability, Asset Tracking, Work-in-Process, Stock Replenishment, Personal Identification and Sporting Events in a wide range of industries including Agriculture, Manufacturing, Transportation, Supply Chain and Distribution, Retail, Healthcare, Pharmaceutical, Libraries, Government and many others.

About FEIG ELECTRONIC GmbH

FEIG ELECTRONIC is a German manufacturer and world leading producer of RFID readers. OBID ® readers are in use worldwide - they are developed and marketed worldwide by FEIG ELECTRONIC. OBID ® readers are developed according to international standards in close cooperation with all leading manufacturers of transponder chips, and support all major types of transponder. OBID ® readers are available for all common frequencies as LF, HF and UHF. www.feig.de

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