



BRF210

Hardware Installation Guide

Version 0.1

DOCUMENT REVISION INFORMATION

Version	Date	Revision Information
0.1	15/10/2014	Initial version.

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CONTENTS

1	Overview	4
2	Unit Dimensions	5
3	Mounting Plate Dimensions	6
4	Contact DPS	7

1 OVERVIEW



Hardware Overview

- The BRF contactless antenna is an optional receiver that can be plugged into the SCR to support contactless payments (e.g. Visa PayWave, MasterCard PayPass).
- Supports closed loop proprietary payment cards (e.g. MiFare)
- 32-Bit Cortex M3 120MHz processor
- Display LEDs x4

Physical Link Interface

Connection with the SCR unit is via the attached cable located on the back of the BRF unit.

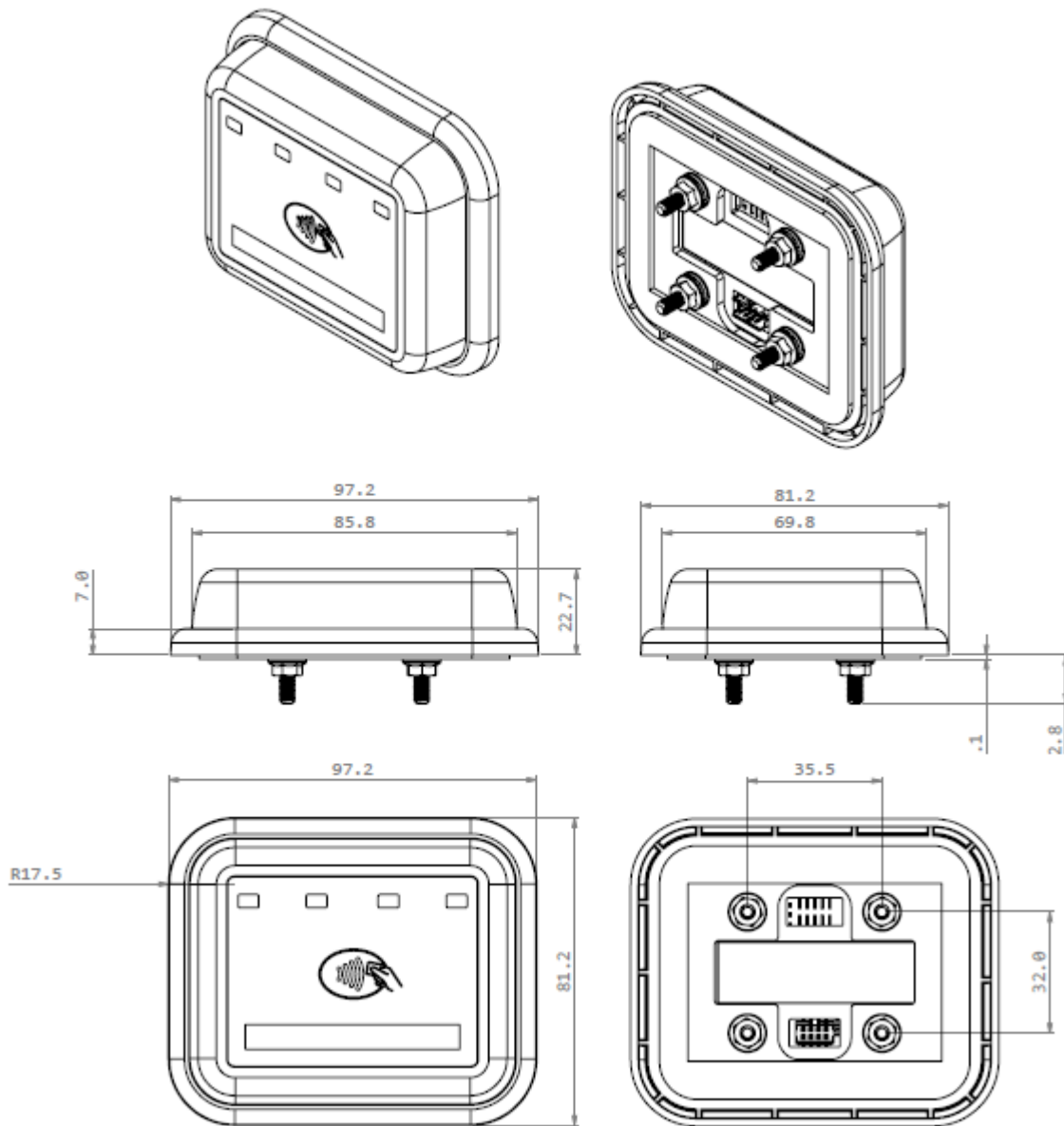
Power Requirements

The device accepts DC regulated from +5V to +45V. SELV (Safety Extra Low Voltage)

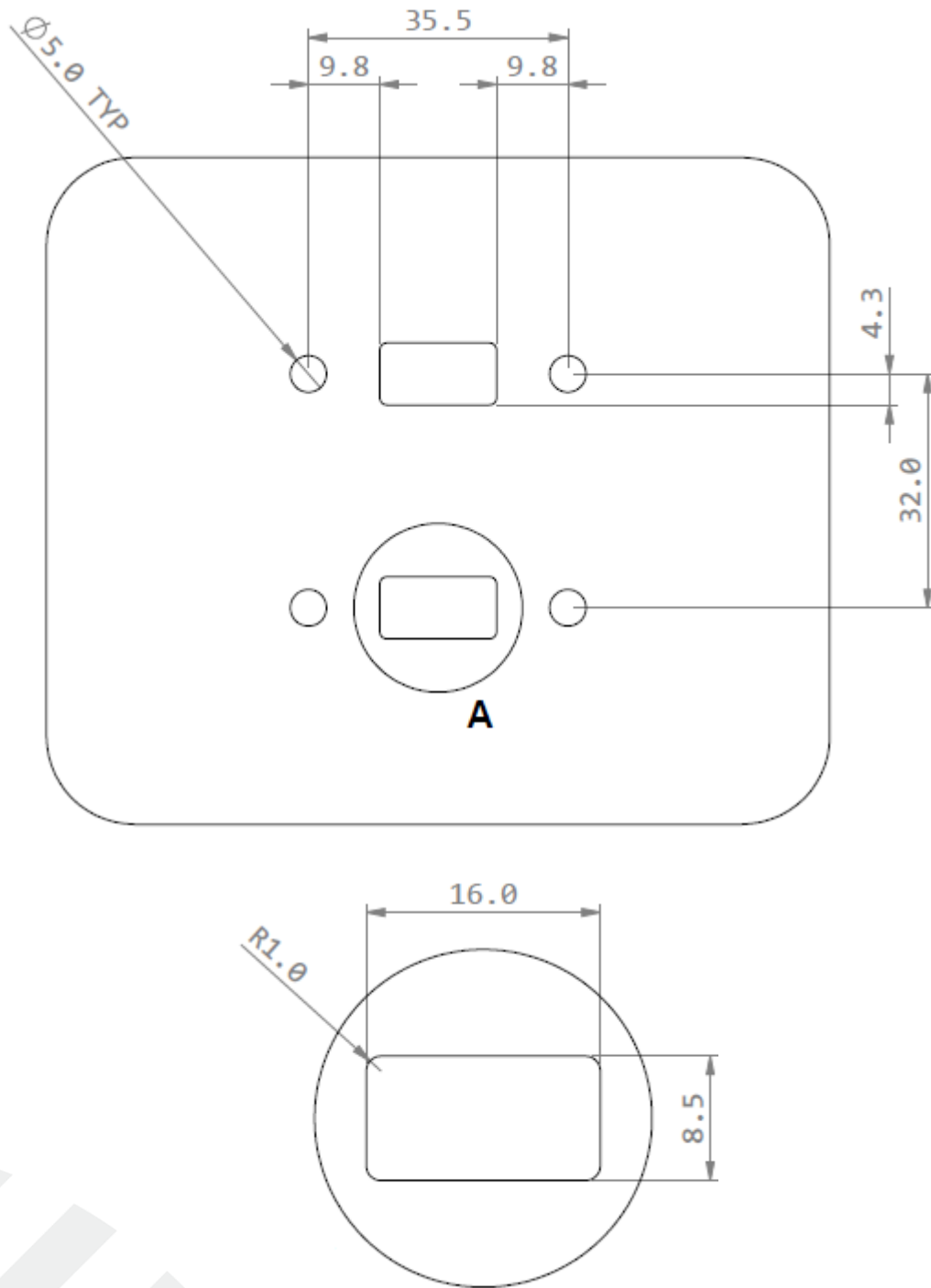
Standards Compliance

- EMV Level 1 & 2
- Visa PayWave v2.1
- MasterCard PayPass v3.0
- EMC Standards
 - AS/NZS 4268: 2012
 - ETSI EN 302 291-2, V1.1.1, 2005
 - EN 301 489-3 V1.4.1
 - AS/NZS CISPR 22: 2009 + Amendment 1: 2009
- Environmental Standards
 - IEC 60529 : 2013 (Ed 2.2) – Degrees of protection provided by enclosures – IP66
 - IEC 60068-2-6 : 2007 (Ed. 7.0) – Sinusoidal Vibration
 - IEC 60068-2-64 : 2008 (Ed. 2.0) – Broadband Random Vibration

2 UNIT DIMENSIONS



3 MOUNTING PLATE DIMENSIONS



4 CONTACT DPS

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