

Greasque (France) – May 13th 2015

Subject: RADIO Certification of ARC-AC1

Applicant: STid
Product: ARC
Model: AC1
FCC ID: OVNAC1

To Whom It May Concern:

We would like to submit the above product for Certification concerning FCC.
Please review all required documents enclosed.

This application is a modular RFID reader at 13.56MHz divided into 7 subsets:

S.E.1:	Socle
S.E.2:	Mother Board
S.E.3:	Simple RFID Panel
S.E.4:	Keyboard + RFID Panel
S.E.5:	Touch screen + RFID Panel
S.E.6:	Biometric Module
S.E.7:	Accessory attachment Biometric Module

These subsets are used to make 6 different reader references:

ARC-x3x-A:	S.E.1 + S.E.2 + S.E.3	RFID Reader
ARC-x3x-B:	S.E.1 + S.E.2 + S.E.4	Keyboard + RFID Reader
ARC-x3x-C:	S.E.1 + S.E.2 + S.E.5	Touch screen + RFID Reader
ARC-x3x-D:	ARC-x3x-A + S.E.6	Biometric + RFID Reader
ARC-x3x-E:	ARC-x3x-B + S.E.6	Keyboard + Biometric + RFID Reader
ARC-x3x-F:	ARC-x3x-C + S.E.6	Touch screen + Biometrics + RFID Reader

The main part of this modular RFID reader is already certified, FCC ID: OVN-AC1 (date of grant: 12/10/2014): ARC-x3x-A, RFID Reader, S.E.1 + S.E.2 + S.E.3. S.E.2 is the subset with FCC ID.

The Socle (S.E.1) and the Mother Board (S.E.2) are common to all reader references.

The new certification request is for the other 5 reader references that include S.E.2.

Visuals available below.

Compliance for RF exposure requirement was demonstrated in this test report.

If you have any queries, please do not hesitate to contact us.

Regards,



Sylvain POITRAT
Technical Director STid
May 13th 2015

Summary:

7 subsets:

- S.E.1: Socle
- S.E.2: Mother Board
- S.E.3: Simple RFID Panel
- S.E.4: Keyboard + RFID Panel
- S.E.5: Touch screen + RFID Panel
- S.E.6: Biometric Module
- S.E.7: Accessory attachment Biometric Module

6 different readers:

- ARC-x3x-A: S.E.1 + S.E.2 + S.E.3 RFID Reader
- ARC-x3x-B: S.E.1 + S.E.2 + S.E.4 Keyboard + RFID Reader
- ARC-x3x-C: S.E.1 + S.E.2 + S.E.5 Touch screen + RFID Reader
- ARC-x3x-D: ARC-x3x-A + S.E.6 Biometric + RFID Reader
- ARC-x3x-E: ARC-x3x-B + S.E.6 Keyboard + Biometric + RFID Reader
- ARC-x3x-F: ARC-x3x-C + S.E.6 Touch screen + Biometrics + RFID Reader

Variants x3x:

- R31-R32-R33 / S31-S32-S33: read only / secure read only TTL-RS232-RS485
- R35-S35: read only / secure read only USB
- W32-W33: read-write RS232-R485

Modularity explains in "(ARC-AC1) Broch-Architect_v2.00_US" + "(ARC-AC1) UserMan" documents.










Subset with FCC ID












Product already tested

Product tested

FCC IDENTIFIER: OVNAC1
Name of Grantee: STid
Equipment Class: Part 15 Low Power Communication Device Transmitter
Notes: Tag Reader

Visual table:

<p>ARC-x3x-A</p>	<p>S.E.1:</p> 	<p>S.E.2:</p> 	<p>S.E.3:</p> 
<p>ARC-x3x-B</p>	<p>S.E.1:</p> 	<p>S.E.2:</p> 	<p>S.E.4:</p> 
<p>ARC-x3x-C</p>	<p>S.E.1:</p> 	<p>S.E.2:</p> 	<p>S.E.5:</p> 

ARC-x3x-D	<p>S.E.1:</p> 	<p>S.E.2:</p> 	<p>S.E.3:</p> 	<p>S.E.6:</p> 
ARC-x3x-E	<p>S.E.1:</p> 	<p>S.E.2:</p> 	<p>S.E.4:</p> 	<p>S.E.6:</p> 
ARC-x3x-F	<p>S.E.1:</p> 	<p>S.E.2:</p> 	<p>S.E.5:</p> 	<p>S.E.6:</p> 