PRODUCT INFORMATION NOTE

UHF Cards Evolution – CCTW36

NEW ALIEN HIGGS 9 CHIP REFERENCE



CONTEXTE



Illustration 1 – CCTW36

Created to **solve long-distance access issues**, RFID UHF cards guarantee access control operations **for people.**

EVOLUTION

In accordance with its regulation policy of its referential system, **STid, changes its Alien Higgs 9 chip references.** These chips, based on **W36** reference will from now use **W42** reference.

This modification will not involve any financial or technical consequences, only UHF cards orders will now be placed by CCTW42 reference instead of CCTW36.

Please see appendices 1 & 2 to get more information about which references will be impact by this change.

FUNCTIONALITIES

This new UHF card reference **CCTW42** :

- Ensures to keep an **attractive price** *(same price as old CCTW36 reference),*
- Is **fully customizable** *(black or colour printings, numbering, programming…),*
- Ensures to keep the same **reading performance** *(please see appendix 3 to get a comparison between Higgs 3 & Higgs 9 chip generations).*

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APPENDICES

APPENDIX 1 – OLD REFERENCES ORDERED

REFERENCE	FR DESIGNATION	EN DESIGNATION
CCT**W36**0SP___AP	Badge Prox ISO UHF EPC1 Gen2 programmable **+ PERSO**	UHF EPC1 Gen2 programmable ISO Prox card **+ CUSTOM**
CCT**W36**0___AP	Badge Prox ISO UHF EPC1-H9 Gen2 programmable	UHF EPC1 Gen2 programmable ISO Prox card

APPENDIX 2 – NEW REFERENCES TO ORDER

REFERENCE	FR DESIGNATION	EN DESIGNATION
CCT**W42**0SP___AP	Badge Prox ISO UHF HIGGS 9 programmable **+ PERSO**	UHF HIGGS 9 programmable ISO Prox card **+ CUSTOM**
CCT**W42**0___AP	Badge Prox ISO UHF HIGGS 9 programmable	UHF HIGGS 9 programmable ISO Prox card

APPENDIX 3 – COMPARISON BETWEEN HIGGS 3 & HIGGS 9 CHIPS

	ALIEN HIGGS 3 CHIP	ALIEN HIGGS 9 CHIP
Manufacturer	ALIEN	ALIEN
Memory capacity	800 Bits	1024 Bits
EPC memory	Up to 96 bits	Up to 496 bits
TID memory	64 bits	48 bits
User memory	512 bits	688 bits
Reading sensitivity	-20 dBm	-20 dBm
Writing sensitivity	-15 dBm	-18 dBm
Error correction	No	Yes

Please contact your sales representative or see our website to get more information on these UHF cards: https://stid-security.com/en/.

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