

Statement of Opinion
by the Notified Body TÜV Rheinland Product Safety GmbH
according to the R&TTE Directive 1999/5/EC
Notified under No. **0197** to the EC Commission

Registration No.: RT 60014032 0001

Report No.: 21123873 001

Holder: IDTECK Co., Ltd.
5F, Ace Techno Tower
B/D 684-1
Deungchon-dong, Kangsuh-gu
Seoul, 157-030
South Korea

Product: Radio Equipment
Short Range Device - Access Controller

Identification: Designation: iPASS IP10, iPASS IP20

Essential requirements: Directive 1999/5/EC (R&TTE)
Article 3.1a Health
Article 3.1a Electrical Safety
Article 3.1b EMC
Article 3.2 Radio spectrum

With respect to Article 10 of the Directive 1999/5/EC, based on the technical construction file presented according to Annex IV of the Directive, the Notified Body of TÜV Rheinland Product Safety GmbH confirms, that the listed product complies with the above mentioned essential requirements. Not mentioned essential requirements may be relevant (see Annex I of this certificate), but were not considered by the Notified Body.
This certificate consists of this page and Annex I.

Cologne, 23.12.2005

Notified Body

O. Schäfer
Benannte Stelle

TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln
CE The CE marking may only be used if all relevant and effective EC Directives are complied with. CE

Equipment

Product : Proximity Reader

Trademark :

Identification : iPASS IP10
iPASS IP20

General product

description : iPASS IP10=>The EUT transmits RF signals operating at 125KHz to verify a RFID card. When the RFID card is approached to the loop coil antenna in EUT, the RF signal is modulated and then pre-recorded information is transferred to the ACU.
iPASS IP20=>It is the identical product as iPASS IP10 but, It is different in Top-case size .

System description

Frequency band(s) of operation : 119kHz ~ 135kHz
Operating frequency : 125 kHz
Channel spacing/bandwidth : ---
RF output power : 37.81 dBuA/m @ 3m
Type of modulation : ASK
Type of antenna : Integral (loop coil antenna)
Mode of operation (simplex/duplex) : simplex
Duty cycle (access protocol, if applicable) : up to 100%
Equipment class : 1

Manufacturer Certification Holder

Company/Name :
Address :
Street :
Town :
Country :
Phone :
Facsimile :
Email :

Relevant essential requirements with respect to the R&TTE directive

Article 3.1 a Health
 Article 3.1 a Electrical Safety
 Article 3.1 b EMC
 Article 3.2 Radio spectrum

Documentation

User Manual
Block diagram
Circuit diagram
Part list
PCB layout
Photo documentation

Applied harmonised standards (referred to the publication of the harmonised standards in the official Journal of the EU)			
Article	Standard	Test Report No.	Test facility
3.1a Health	EN 50364 : 2001	13004453 001	TÜV Rheinland Korea Ltd.
3.1a Safety	EN 60950-1:2001	13005763 001	TÜV Rheinland Korea Ltd.
3.1b EMC	EN 301 489-1 V1.4.1 (2002) EN 301 489-3 V1.4.1 (2002)	GETEC-E2-06-014	GUMI College EMC Center
3.2 Radio	EN 300 330-2 V1.1.1	13004453 001	TÜV Rheinland Korea Ltd.

Applied non-harmonised standards under the R&TTE Directive [see foot-note (*)]			
Article	Standard	Test Report No.	Test facility
3.1a Health	-	-	-
3.1a Safety	-	-	-
3.1b EMC	-	-	-
3.2 Radio	-	-	-

Other solutions, adopted to meet the essential requirements [see foot-note (*)]			
Article	Standard	Test Report No.	Test facility
3.1a Health	-	-	-
3.1a Safety	-	-	-
3.1b EMC	-	-	-
3.2 Radio	-	-	-

(*) Rationale for other solutions or non-harmonised standard application:

▪

Remarks:

- The manufacturer or his authorised representative established within the European Community must keep the technical documentation for a period ending at least 10 years after the last product has been manufactured at the disposal of the relevant national authority of any Member State for inspection purpose.
- CE marking may only be used, if all relevant and effective EC directives are complied with.
- CE marking shall be accompanied by the identification number of the Notified Body TÜV Rheinland Product Safety GmbH **0197**.
- The holder of this Statement of Opinion is authorised to use this Statement of Opinion in combination with the CE declaration of conformity referred to in Article 6 of the directive 1999/5/EC.
- This Statement of Opinion does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland Berlin Brandenburg mark of conformity.
- Additional approval

Cologne, 2006-02-23

