



USERS MANUAL ABSTRACT

Written by : D. RAUD

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Test report # : 195001DK

<i>Réf. :</i>	TD-10-130	<i>Edition :</i>	v0r7
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7 LEGAL INFORMATION**7.1 COMPLIANCE TO EUROPEAN STANDARDS**

89/336/EEC modified by 92/31/EEC and 93/68/EEC	EMC Directive	EN 55022 (1998)	RF Emissions control
		EN 55024 (2001)	Immunity to Electromagnetic Disturbances
		EN 301/893-3 V1.4.1	RF Emissions and Immunity for radio equipment
1999/5/CE	R&TTE Directive	EN300330-2 V1.1.1	Radio frequency interferences
73/23/EEC modified by 93/68/EEC	Low voltage Directive	EN 60950-1 first edition	Product safety

Conformity certificate are available on request

Note:

EMC testing has been performed with a representative power supply from MEAN WELL PSU 15A-3P2J model

7.2 COMPLIANCE TO US STANDARDS

CFR47 part 15 Subpart C (08-15-2002 Edition)	FCC	Section 15.207	Conducted emissions control
		Section 15.209	Radiated emissions control
		Section 15.225	Radiated Emission Limits, Additional Provisions for Operation within the band 13.553 - 13.567 MHz.
RSS210 Issue 5 November 2001	Industry Canada		Low Power Licence-Exempt Radiocommunication Devices
	Underwriters Laboratories	UL 60950	Product safety file number Exxxxx

This Class B digital apparatus complies also with Canadian ICES-003.

Conformity certificate are available on request

Note:

The power supply should be a "LPS" type in order to meet safety standards with the following characteristics:

- Input: 100-240 VAC, 0.5 A, 50Hz
- Output: 12 VDC, 1.25 A
- Regulations: CE, UL, cUL

7.3 FCC STATEMENT (USA)

The United States Federal Communications Commission (in 47 CFR 15.105) has specified that the following notice be brought to the attention of users of this product:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can



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radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference's by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The user may find the following booklet, prepared by the Federal Communications Commission, helpful: How to Identify and Resolve Radio/TV Interference Problems. This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402, Stock No. 004-000-00345-4.

Use of a shielded cable is required to comply within Class B limits of Part 15 of FCC Rules.

Pursuant to Part 15.21 of the FCC Rules, any changes or modifications to this equipment not expressly approved by Smartware may cause, harmful interference and void the FCC authorization to operate this equipment.

Antenna requirements : In case of failure the antenna shall be professionally replaced by the same type of antenna without changing the connector type. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits of the FCC rules are not exceeded.

7.4 ENVIRONMENTAL CONDITIONS

Operating temperature	-10 to 35 °C
Storage temperature	-10 to 35 °C
Maximum humidity	10 to 60 % RH (non-condensing)

7.5 SAFETY CONSIDERATIONS

The equipment is intended and tested for installation to IT power system.

This product is also designed for IT power system with phase to phase voltage 230V.

To fully protect the user and equipment, the product must be connected to a proper ground.

END OF DOCUMENT