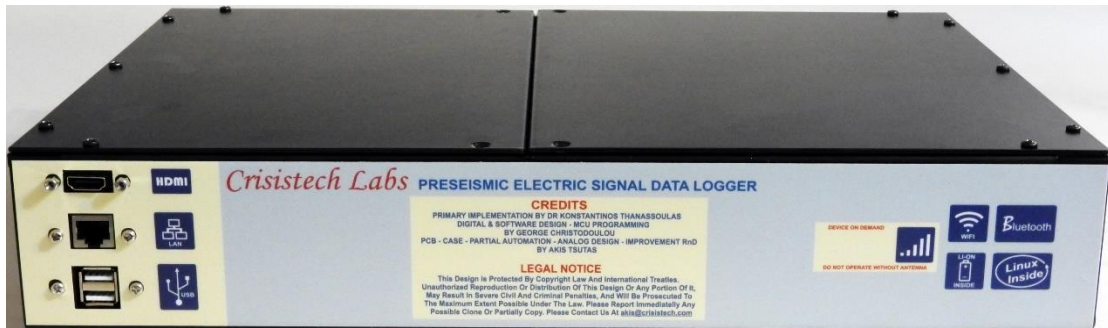




REAR PANEL SIDE



FRONT PANEL SIDE

	BlueTooth 4.0 BlueTooth 4.2 *		2 x USB 2.0 Connections 2 x USB 3.0 Connections *
	Linux Based OS		GPRS Module *
	Full HDMI Out 1080p		2.4Ghz Wireless 2.4hz & 5Ghz Wireless *
	Email Client Application Auto Send Data Files & Critical Events Anywhere		9 x Li-On Batteries Up To 3 Hours Uninterruptible Power Supply
	FTP Client Application Auto Upload Data Files To Remote FTP Servers		LAN 100Mbs LAN 1Gps With POE Availability *
	Easy Remote Access For Administration And Troubleshooting		100% Full Upgradable Device (Software & Hardware)
	Any External USB Media Can Be Used For Data Storage & Backup (16GB Media Included)		16GB Micro SD Card Storage Device For Data Logging & OS Files
	USB Or Bluetooth Wireless Keyboard With TouchPad		User Friendly Data Acquisition System Interface Provides Accurate Measurement (40000 Samples/Min - 667 Samples/Sec)

*Optional Devices Not Included Please Contact Us For More Details

This is a highly upgraded version of the originally hardware presented (2007) by Thanassoulas, C. (B.Sc in Physics, M.Sc - Ph.D in Applied Geophysics) in the monograph "Short-term Earthquake Prediction (2007)" and in:

<http://www.earthquakeprediction.gr/Hardware%20presentation.htm>

SPECIFICATIONS

INPUT

- BNC PORT EW (EAST-WEST) - BNC PORT NS (NORTH-SOUTH)
- INPUT IMPEDANCE: 100KOhm
- MAX MEASURED VOLTAGE: +/- 1.25VDC
- MAX INPUT SAFE VOLTAGE +/- 2.5VDC (5VDC)
- FRONT END INPUT OPTICALLY ISOLATED FROM MAINS GROUND
- HIGH ACCURACY SCALED MANUAL OFFSET CALIBRATION X 1 X10 X100
- OFFSET INPUT DATA SAVE & STORAGE

DATA LOGGING

- HIGH PRECISION ADC CONVERSION FOR DATA ACQUISITION (40000 Samples Per Minute)
- OUTPUT: 1440 Samples Per Day
- REAL TIME LI-ON BATTERY VOLTAGE STATUS INSPECTION
-

AUTOMATIONS - PROTECTIONS

- LI-ON BATTERY CHARGER, LOW & OVERVOLTAGE PROTECTION
- UP TO 8 HOURS BUILT IN FOUR UNINTERRUPTIBLE POWER SUPPLY MODULES
- 1 x CCSC (Credit-Card Sized Computer) PSU PROTECTION
- INPUT OVERVOLTAGE PROTECTION @ 5V
- SHORT CIRCUIT PROTECTION IN ALL POWER UNITS
- UP TO ONE HOUR MINI UPS PROTECTION FOR CCSC MODULE PREVENTS OS FAILURE
- TELEMETRY CAPABILITY TROUBLESHOOTING & ADMINISTRATION
- 3 x PWM CONTROLLED FAN FOR CCSC, UPS, ANALOG & MCU MODULES
- AUTO MCU FAILURE STATE RECOVERY

SOFTWARE – APPLICATIONS

- EQLOGGER (Data Acquisition Application)
- EQCOMMANDER (Administration For FTP, MAIL, SYSTEM & UPS Status)
- TEAMVIEWER CLIENT FOR REMOTE ADMINISTRATION FREE (Business License Not Included)

CONNECTIONS – EXPANSIONS – PERIPHERALS

- 1 x PLUG N PLAY WIRELESS KEYBOARD WITH TOUCHPAD
- BLUETOOTH 4.0 (4.2 On Demand Applied To Specific CCSC Models)
- 1 x LAN 10/100 (LAN 100/1000 On Demand Applied To Specific CCSC Models)
- 1 x WIFI 2.4Ghz (2.4 - 5GHz IEEE 802.11.b/g/n/ac Applied To Specific CCSC Models)
- 1 x EXTERNAL WIFI ANTENNA OUTPUT (Applied To Specific CCSC Available Models Only)
- 1 x HDMI 1080 OUTPUT (HDMI Display Monitor Required)
- 1 x 16GB INTERNAL OS & DATA MICRO SD CARD STORAGE MEDIA
- 1 x USB 16GB EXTERNAL DATA STORAGE MEDIA (Larger Capacity On Demand)
- 1 x MAINS INPUT 115/230VAC (IEC 320 C13/C14)
- 1 x MAINS FUSE HOLDER CHASSIS MOUNT
- 1 x MAINS POWER SWITCH ON-OFF
- 4 x ANTI-SHOCK PAD ARRAY PROVIDES SYSTEM STABILITY

DIMENSIONS & WEIGHT

- WIDTH 425mm (16.73" In)
- DEPTH 300mm (11.81" In)
- HEIGHT 85mm (3.35" In)
- WEIGHT 7.4Kg (16.31 lbs)

Please Contact Us For More Info, Quote & Cooperation Program At akis@crisistech.com