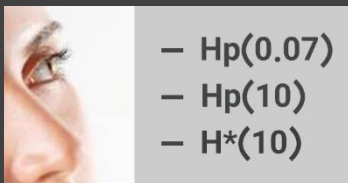




Innovator In Spectroscopy Equipment

DLS2115



10.1"



7"



2.4"

DATA LOGGER SYSTEM MODEL DLS2115

www.cfp.co.ir



CATALOG



DOSIMETERS



FREE DOWNLOAD

DATA LOGGER SYSTEM MODEL DLS2115

Features

- Single or dual probe operation
- Low dose / high dose rate system
- Radioactive gas monitor
- 2 serial interfaces RS 232/RS 485/ or Ethernet/USB
- Memory for many data points
- Ratemeter or scaler timer mode
- Network capable with TCP/IP protocol
- Isolated input/output
- TFT and IPS full color display
- Easily configurable to ensure reliable and safe operation
- Several detectors can be connected to DLS2115
- Wide temperature range
- PC Software with remote application
- Audible Alarm; Real time data completely customizable alarm settings for all activities

PROCESS MONITORING FOR PET INSTALLATIONS



Description

DLS2115 is a stationary stand for logging data specially dose rate using several independent detectors. The device is capable of logging low and high doses. The operation of the device is controlled with a simple menu and soft key. The instrument has a wide range AC power supply input between 85 and 264 V or a 9 to 36 V DC input for battery operation. Up to 4GB of data can be stored locally and transferred via serial interface to an external computer. An RS 485 interface is already built-in so that no external adapter is required. Data transfer can be done using the CFP

protocol via the serial interfaces, Ethernet or USB. Operation of the DLS2115 is carried out with soft keys or touch panel located on DLS2115 which has adjustable brightness. All parameters and information including important information during the measurement such as alarm conditions, raw data, alarm thresholds and further parameters are easily accessible. If the dose rate unit changed, the results are automatically renormalized. Up to 32 units can be operated with a twisted pair bus cable in a RS 485 network with a maximum length of 1200 m. in TCP/IP version, this number has been extended to 128 units.

Specifications

UNIT:DLS2115			
TYPE	MOUNTABLE		
Version	2.8"	7"	10.1"
Inputs/Outputs			
Port	USB/RS232/RS485	USB/RS232/RS485/TCP-IP	USB/RS232/RS485/ TCP-IP
Remote Controls/Communication			
USB	Set and read all data via RS485	Set and read all data via TCP-IP	Set and read all data via TCP-IP
Performance			
Probe	Gamma/Beta	Gamma/Beta	Gamma/Beta
Battery type	Optional	Not included	Not included
Display	IPS, 2.8"	TFT, 7"	IPS, 10.1"
Touch	Not included	Optional	Optional
Power	1W	5W	10W
Protection class	IP40	IP40	IP40
Alarm	Optional	Optional	Optional
Continuous run time			
In normal conditions	≥1000 h	≥1000 h	≥1000 h
In economy mode	≥5000 h	≥5000 h	≥5000 h
Buzzer	Available	Available	Available
Indicators			
Alarm	Three color (Green, Orange, Red)	Three color (Green, Orange, Red)	Three color (Green, Orange, Red)

Application

- Stationary dose rate meter for gamma counters
- Radioactive gas monitor
- Process monitoring for PET Installations
- Research activities
- Nuclear medicine and industry
- Customs and border control
- Civil protection, security and police
- Emergency rescue service
- Individual radiation and protection
- Radioecology and Radiology
- Belding protection and emergency service
- Medical and health physics
- Accelerating installation

Electrical and Mechanical

VERSION

2.8" (version1)

7" (version2)

10.1" (version3)

Power required

1W (version1)

5W (version2)

10W (version3)

weight

0.75kg (version1)

2.20kg (version2)

3.30kg (version3)

Dimensions

150mm x 100mm x 50mm – WxLxD (version1)

200mm x 200mm x 80mm – WxLxD (version2)

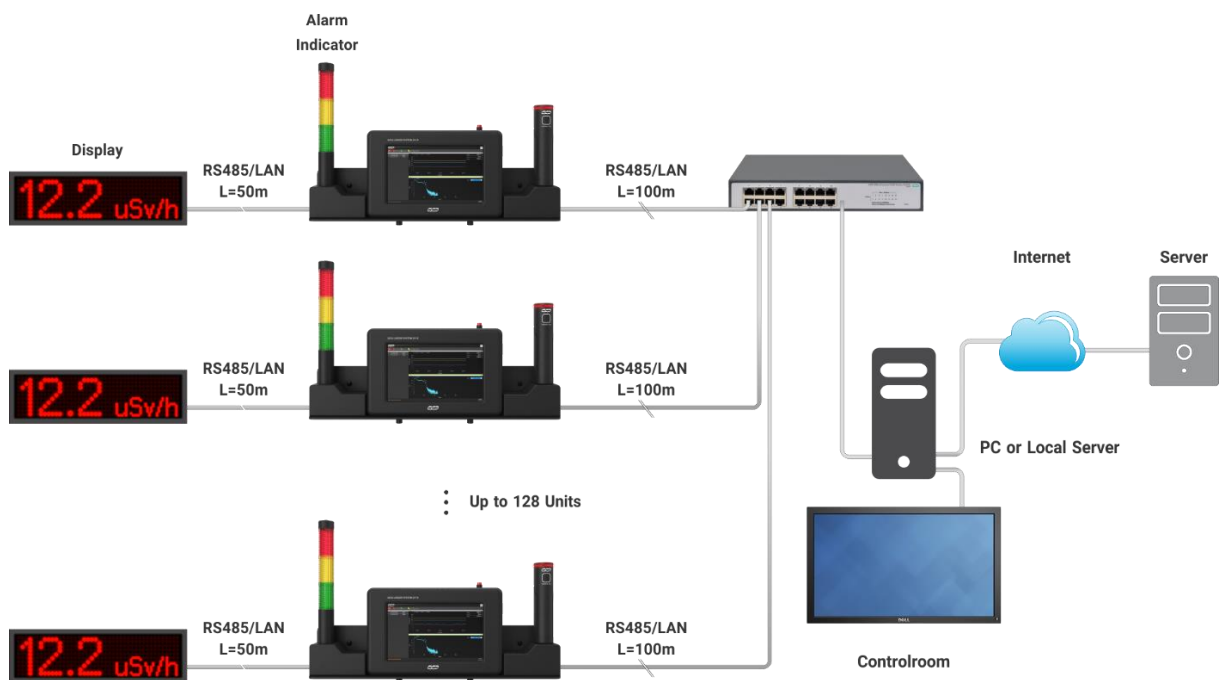
250mm x 200mm x 80mm – WxLxD (version3)

Storage temperature

10°C to +40°C

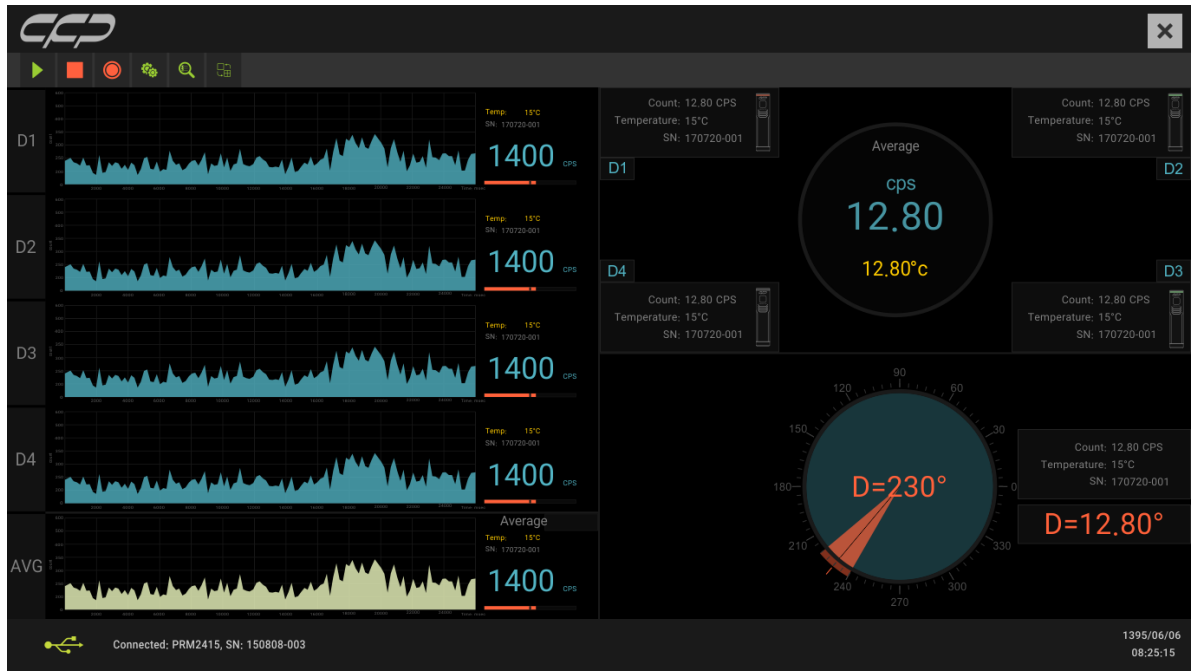
Operating temperature

0°C to +50°C

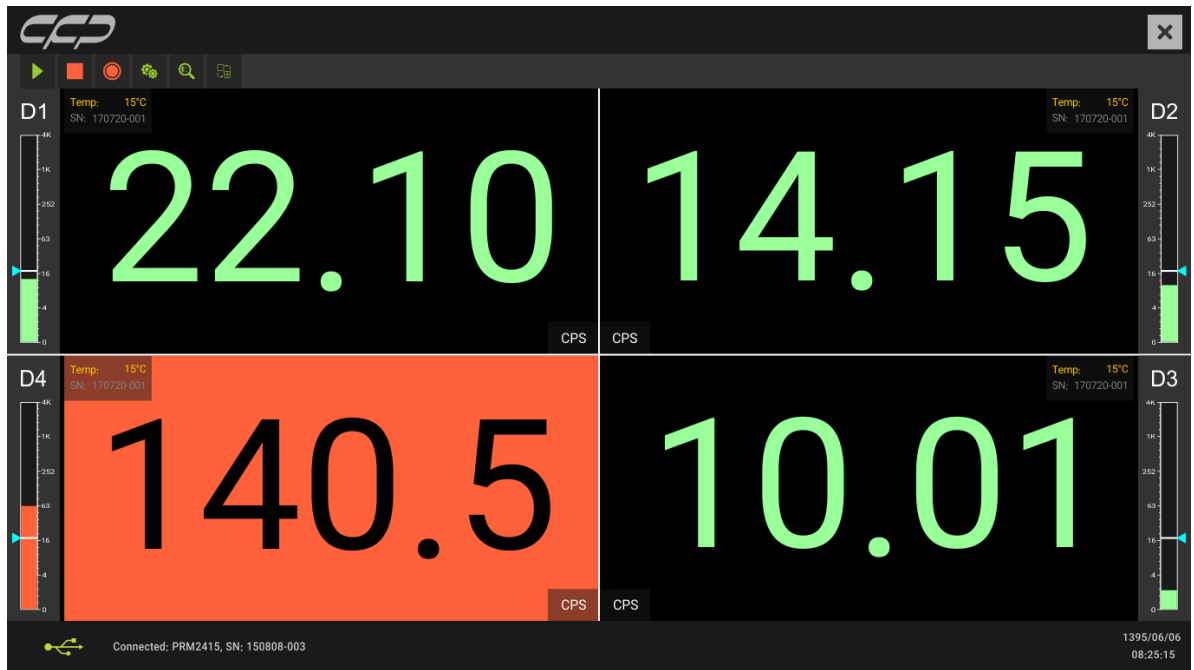


Software

This system can support all probe produced by of CFP Co.








Software main window (Mode 1)








Software main window (Mode 2)



Ordering info

Standard package includes:

Part #	Image	Description
DLS2115 – 10.1inch		Data logger system model 2115 mountable version
DLS2115 – 7inch		Data logger system model 2115 mountable version
DLS2115 – 2.4inch		Data logger system model 2115 mountable version
ACCE2115002		CD User guide (1 Pack)
ACCE2115003		box with foam inserted (1 Pack)

Optional accessories and services

Part #	Image	Description
ACCE2115004		Alarm system
ACCE2115005		Touch screen for version2 (10.1")
ACCE2115006		Touch screen for version3 (7")
ACCE2115007		Battery for version1 (8h)
ACCE2115008		LAN cable

ACCE2115009		RS485 cable
ACCE2115010		Remote display monitoring
ACCE2115011		installation
ACCE2115012		Training



Innovator in Spectroscopy Equipment



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