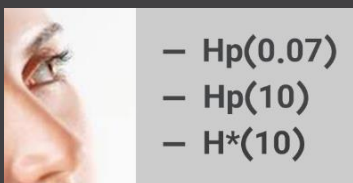




Innovator In Spectroscopy Equipment

DLS2115



3 Version (2.4", 7", 10.1")

DATA LOGGER SYSTEM MODEL DLS2115

www.cfp.co.ir



CATALOG



DOSIMETERS



FREE DOWNLOAD

DATA LOGGER SYSTEM

MODEL DLS2115

Features

- Isolated input/output
- TFT and IPS full color display
- Memory for many data points
- Single or dual probe operation
- Low dose/high dose rate system
- PC software with remote application
- Optional network capable with TCP-IP protocol
- Several detector types can be connected to DLS2115
- 2 serial interfaces RS232/RS485 or Ethernet/USB
- Easily configurable to ensure reliable and safe operation
- Durable, versatile
- Ready for field operation
- Full color LED bar graph indicator
- Easy to use and low maintenance
- Being robust and suitable for use in challenging conditions
- High resistance to impacts and vibration, dust moisture and electromagnetic interference
- Audible alarm: real time data completely customizable alarm settings for all activities



Process Monitoring for Pet Installations

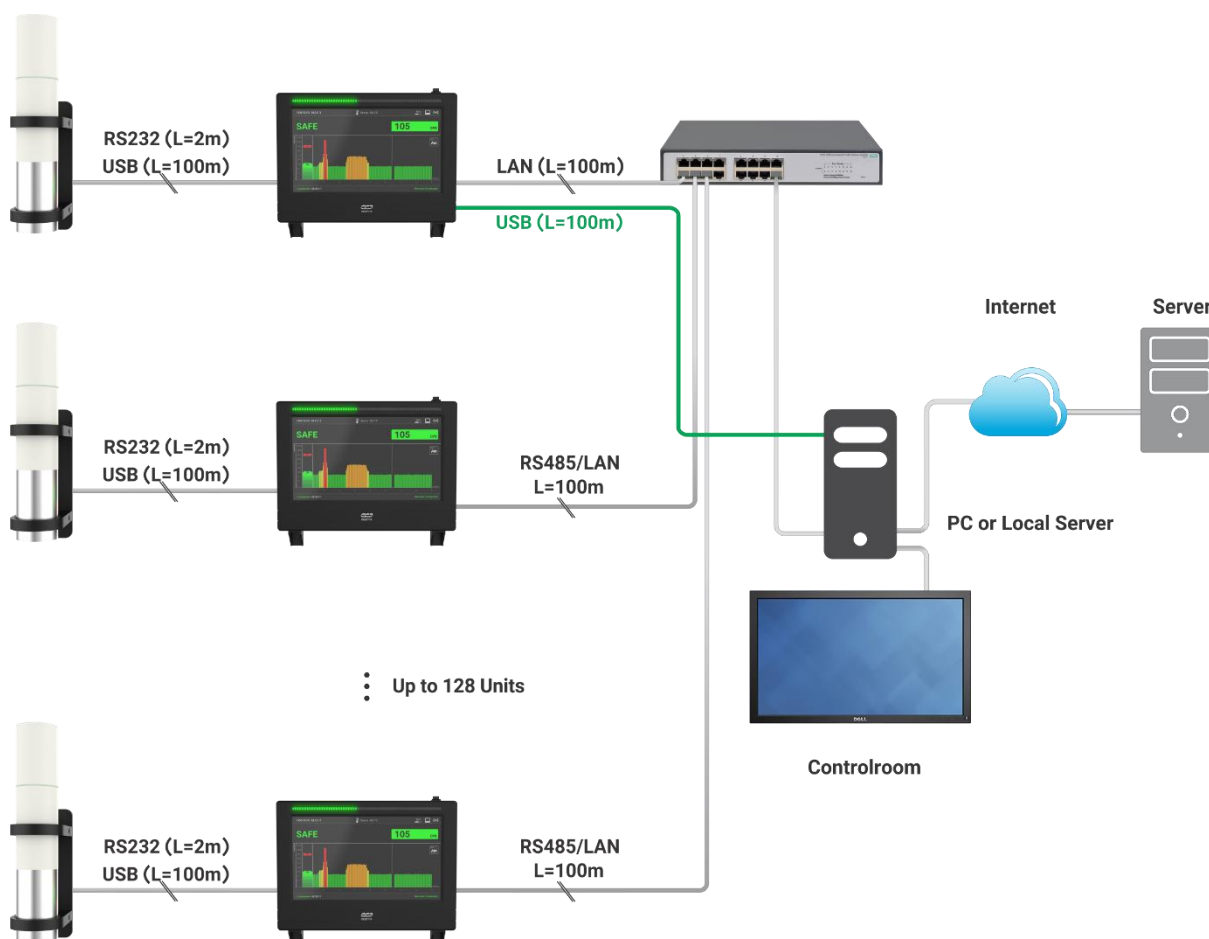


Description

The DLS2115 from Control Farayand Pasargad (CFP) is a stationary stand for logging data specially dose rate using several independent detectors. The DLS2115 has three versions with 2.4", 7" and 10.1" display. This system cannot be used independently since it is designed to display information when operates together with the external probe produced by of CFP Co, to program its operation modes composition. The instrument indicates the menu and measurement results, stores the accumulated scintillation spectra in its permanent memory, and enables communication with PC.

The operation of the device is controlled with a simple menu and soft key. The instrument system power supply with 12V DC. Up to 128MB (STD Version 8MB) of data can be

stored locally and transferred via serial interface to an external computer. An RS232 interface is already built-in so that no external adapter is required. Data transfer can be done using the CFP protocol via the USB interface. Operation of the DLS2115 is carried out with soft key located on DLS2115 which has adjustable menu panel. All parameters and information including important information during the measurement such as alarm conditions, raw data, alarm thresholds and further parameters are easily accessible via software. 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 RS232 network with a maximum length of 1200m. In TCP-IP version, this number has been extended to 128 units.



Specifications

UNIT: DLS2115			
Version	2.4"	7"	10.1"
Input(s)			
CFP probe	PRM2415A – MOUNTABLE PRO or STD GD2317 NaI(Tl) 1.6", GD2317 NaI(Tl) 2" GP2320 NaI(Tl) 1.6", GP2320 NaI(Tl) 2"		
Alarm	Alarm system (optional)		
Port	USB/RS232/RS485	USB/RS232/RS485/TCP-IP	USB/RS232/RS485/ TCP-IP
Output(s)			
Output	No output signal		
Control(s)			
Power	Power push button to turn ON or OFF device		
Key	Push button function key		
USB port	Set and read all data via USB/RS232/RS485	Set and read all data via USB/RS232/RS485/TCP-IP	Set and read all data via USB/RS232/RS485/TCP-IP
Indicator(s)			
Ring	Green ring for turn ON or OFF device		
Alarm (optional)	Three color (green, orange, red)		
Buzzer	Available		
Display			
Type	Full color IPS	TFT	IPS
Size	2.4"	7"	10.1"
Touch	Not included	Optional	Optional
Performance			
Probe	Depending on probe (Gamma, Beta)		
Continuous run time			
In normal conditions	≥ 8h		
Detector			
detector	External gamma/beta probe		
Data Acquisition and Analysis			
OS	Built in Linux or Windows OS		
Software	DLS2115 (SOFTWARE)		
Battery			
Type	Optional	Not included	Not included

Application

- Security control
- Nuclear industry
- Radioactive gas monitor
- Customs and border control
- Roentgenology and radiotherapy
- Nuclear medicine (x-rays, CT scans, etc.)
- Research activities in radioecology and radiology
- Health physics
- Accelerator sites
- Scientific research
- Measure background radiation
- Individual radiation and protection
- Radiation protective measures in case of nuclear disasters



Electrical, Mechanical and Environmental

Unit: DLS2115

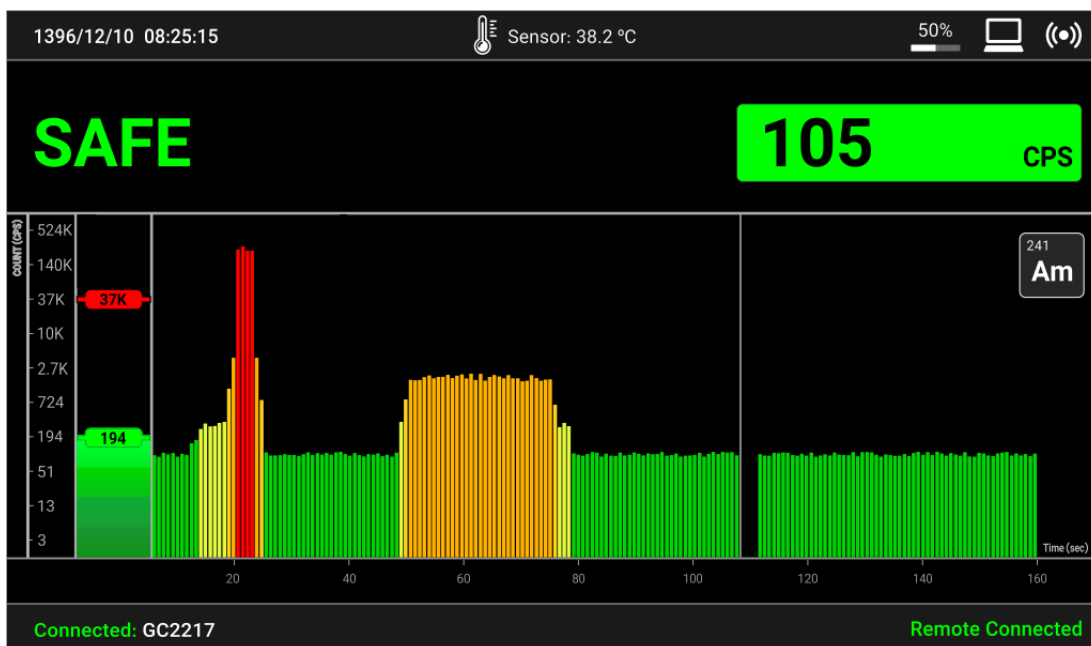
Version	2.4"	7"	10.1"
Electrical			
Power required	1W	5W	10W
Physical			
dimensions (L × W × H)	78 x 54 x 16 (mm)	200 x 125 x 39 (mm)	270 x 195 x 39.5 (mm)
Weight	0.75kg	2.20kg	3.30kg
Protection class	IP40		
Mechanical	2.4"		
	<p style="text-align: center;">Unit: mm</p>		
	7"		
<p style="text-align: center;">Unit: mm</p>			
10.1"			
<p style="text-align: center;">Unit: mm</p>			
Environmental			
Storage temperature	10°C to 40°C		
Operating temperature	0°C to 50°C		
Relative humidity	10 to 80%		

Software and user interface

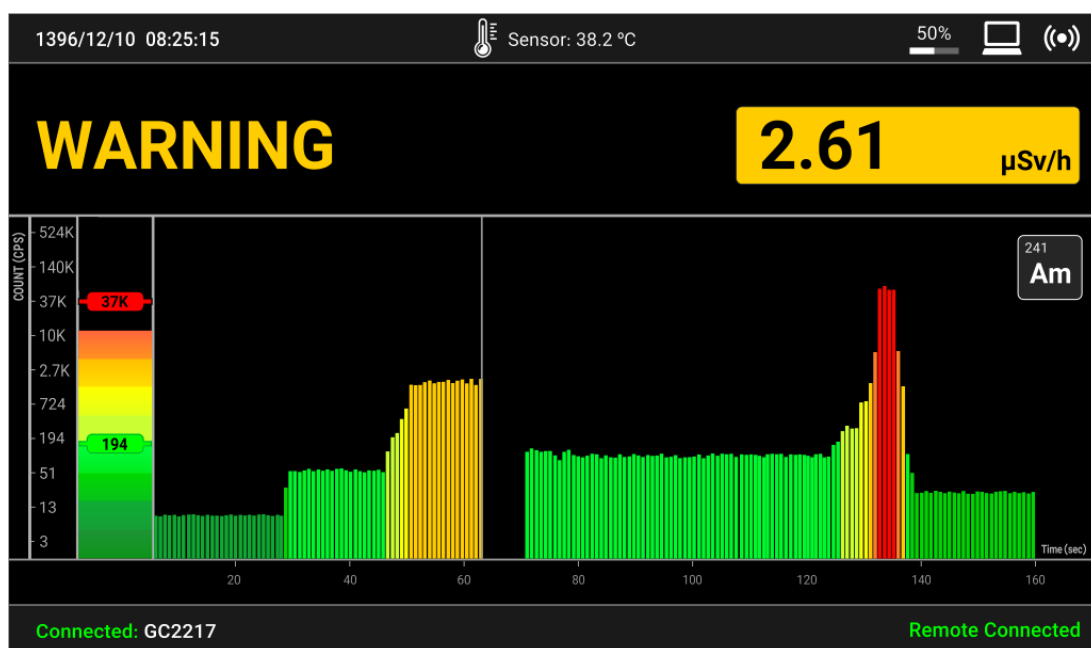
Device GUI

Data logger system model DLS2115 can be used standalone using the companion 2.4", 7" and 10.1" display.

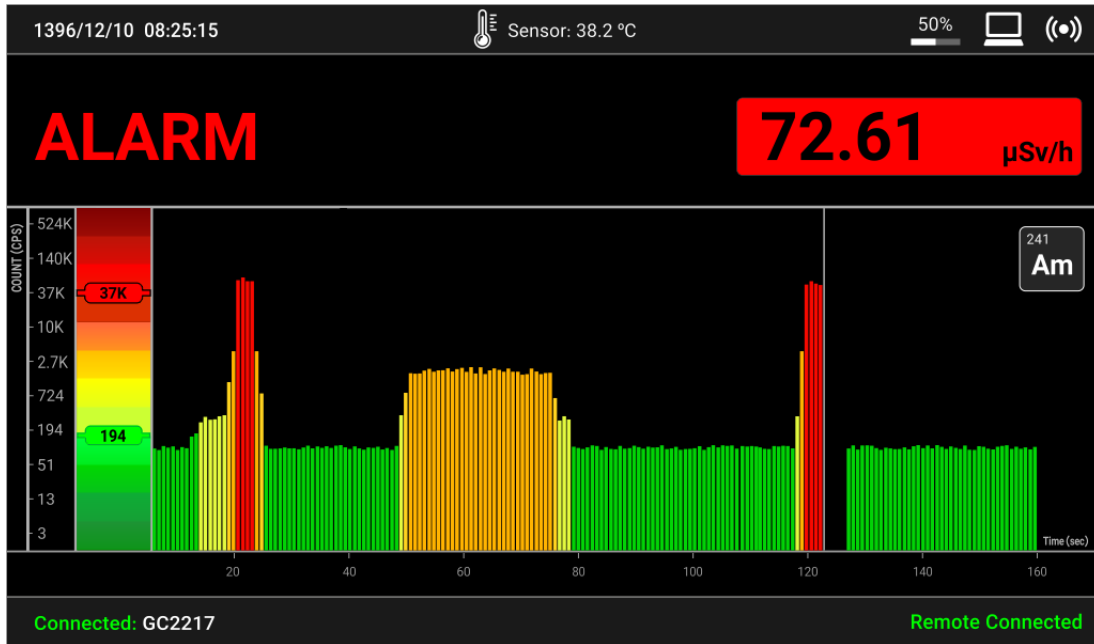
This sensor can be used with PC interfaces and the data collection DLS2115 software.



Software main window (Mode 1)



Software main window (Mode 2)



Software main window (Mode 3)

PC software

DLS2115 (SOFTWARE)

Input /Output (Using DLS2115 software)

USB/RS232/RS485/TCP-IP

Data Output formats






CSV or TXT

Ordering info






DLS2115-2.4" standard package includes

Part #	Image	Description
DLS2115-2.4" main		Data logger system - 2.4" model DLS2115
ACCE2115001-2.4"		CD user guide (1 Pack)
ACCE2115002-2.4"		Box with foam inserted (1 Pack)
ACCE2115003*-2.4"		Guaranty (one year)
ACCE2115009-2.4"		1.5m (5ft) 9 Pin RS232 Serial DB9 Male to Female Data Cable

DLS2115-7" standard package includes











Part #	Image	Description
DLS2115-7" main		Data logger system - 7" model DLS2115
ACCE2115001-7"		CD user guide (1 Pack)
ACCE2115002-7"		Box with foam inserted (1 Pack)
ACCE2115003*-7"		Guaranty (one year)
ACCE2115009-7"		1.5m (5ft) 9 Pin RS232 Serial DB9 Male to Female Data Cable













DLS2115-10.1" standard package includes

Part #	Image	Description
DLS2115-10.1" main		Data logger system - 10.1" model DLS2115
ACCE2115001-10.1"		CD user guide (1 Pack)
ACCE2115002-10.1"		Box with foam inserted (1 Pack)
ACCE2115003*-10.1"		Guaranty (one year)
ACCE2115009-10.1"		1.5m (5ft) 9 Pin RS232 Serial DB9 Male to Female Data Cable

* =we stand behind our products. We guarantee your satisfaction in the quality of our instruments by providing a complete one-year warranty covering any defect of workmanship, material, and/or design. If our products do not perform, we will provide complete repair and/or replacement. for guaranty conditions, please refer to manual device (DLS2115 - Manual).

Optional accessories and services

Part #	Image	Description
ACCE2115004		Installation
ACCE2115005		Training
ACCE2115006**		Re-calibration (interval) services. 1year factory maintenance suggested, not required
ACCE2115007		Protective hard case for DLS2115
ACCE2115011		Alarm system
ACCE2115012		Touch screen for version2 (7")
ACCE2115013		Touch screen for version3 (10.1")
ACCE2115014		Battery (8h) with charger for version1 (2.4")
ACCE2115015		LAN cable
ACCE2115016		RS485 cable

ACCE2115017		One side view dot matrix remote display monitor (red color) (40 x 15 cm) custom size are available on request
ACCE2115018		Two side view dot matrix remote display monitor (red color) (40 x 15 cm) custom size are available on request
ACCE2115019		One side view 7-segment Remote display monitor (7-seg RED Color and indicator Full color) (60 x 20 cm) custom size are available on request
ACCE2115020		Two side view 7-segment Remote display monitoring (7-seg RED Color and indicator Full color) (60 x 20 cm) custom size are available on request
ACCE2115021		One side view full color monitor (70 x 20 cm) custom size are available on request
ACCE2115022		Two side view full color monitor (70 x 20 cm) custom size are available on request
PRM2415A-PRO		RRM2415A-PRO mountable version
PRM2415A-STD		RRM2415A-STD mountable version
PRM2415A-BETA		RRM 2415A-BETA mountable version
GC2217-1" x 2.5"		Integrated 1" x 2.5" CsI(Tl) detector
GC2217-2" x 3"		Integrated 2" x 3" CsI(Tl) detector
GP2320		Integrated 1.6" x 1.6" CsI(Tl), NaI(Tl) and BGO detectors Integrated 2" x 2" CsI(Tl), NaI(Tl) and BGO detectors Integrated 2.5" x 2.5" CsI(Tl), NaI(Tl) and BGO detectors Integrated 3" x 3" CsI(Tl), NaI(Tl) and BGO detectors

** = The proper maintenance & calibration of your instruments is critical to ensure proper performance & accuracy. for Re-calibration (interval) services, please call with CFP company (021- 46045383).