



VF NUCLEAR



NUCLEAR POWER PLANTS



WASTE MANAGEMENT



CALIBRATION LABORATORIES



RESEARCH CENTRES



INDUSTRY & MANUFACTURING



NUCLEAR MEDICINE

Configuration software

RMS USER SETUP

MAIN ADVANTAGES

- Simple and quick setting of measurement channels in the RMS system
- Automatic search for connected units on the Ethernet network
- User-friendly graphical interface

PURPOSE

The RMS UserSetup software is used to configure the connected ionizing radiation monitors and measurement channels in the display and alarm units and to format the display of measured values.

The software also enables quick setting of alarm levels of monitors, or other selected parameters.

After starting, the software automatically searches and immediately displays all compatible devices found in the Ethernet network with an assigned IP address and a user-defined name. The program can recognize and distinguish display and alarm units from radiation monitors.

RMS UserSetup has the following basic functions:

- searching and connecting monitors to the selected display and alarm units,
- setting measurement channels and their position on the screen of the display unit,
- setting selected parameters of the connected monitors.

TECHNICAL REQUIREMENTS

Operating system Windows 10 or higher

Processor 1 GHz or faster

Operation memory 1 GB

HDD 10 MB

Graphic card DirectX 9 or later with WDDM 1.0 driver

Communication interface UDP - Ethernet

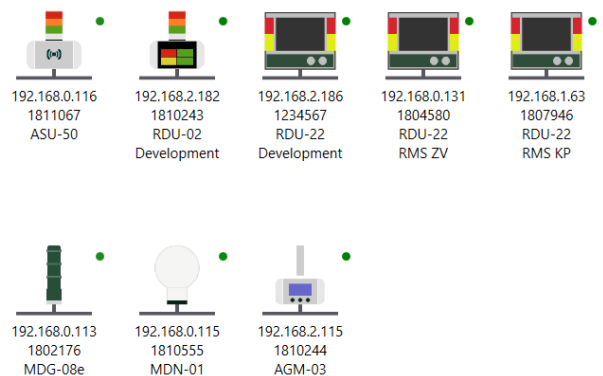
RELATED PRODUCTS

List of devices that RMS UserSetup can automatically recognize in the Ethernet network:

RDU-02	Radiation Display Unit for 4 measurement channels
RDU-22	Radiation Display Unit for 16 measurement channels
ASU-50	Alarm Slave Unit
MDG-04/08e	Gamma Dose Rate Meters
MDN-01	Neutron Dose Rate Meter
AGM-03	Area Gamma Monitor

RMS UserSetup

Devices



List of detected devices in the network

Configuration software


RMS USER SETUP

RMS UserSetup

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Edit Channels

RDU-02



192.168.2.182
1810243

Name **Development**
[Change](#)

[More information](#)

#	Probe	Channel	Channel Name	Description	Short Description
0	RPU-12 IV: 1810393	7. channel (-)	RPU-12 IV	RPU-12 IV	7. MK
1	MDG-08e: 1802176	Fast DR (Sv/h)	MDG-08e	MDG-08e Fast DR	
2	OFF				
3	AGM-03: 1810244	Fast DR (Gy/h)	AGM-03	AGM-03 Fast DR	


Setting the measurement channels of the RDU-02 display unit

RMS UserSetup

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Edit Alarm Levels

RDU-22



192.168.0.131
1804580

Name **RMS ZV**
[Change](#)

[More Information](#)

#	Channel Name	Description	Lower LV2	Lower LV1	Upper LV1	Upper LV2	UNIT
0	Fast dose rate	Irradiation room	-∞	-∞	∞	∞	m3/h
1	Fast dose rate	NTC entrance	-∞	-∞	∞	∞	Sv/h
2	Fast dose rate	NTC hall	-∞	-∞	∞	2.00E-06	Gy/h
3	Temperature	NTC entrance	-∞	-∞	∞	∞	°C
4	Temperature	NTC hall	-∞	-∞	∞	∞	°C
5	Alfa Particles	PIG-200	-∞	-∞	∞	1.00E+02	Bq/m3
6	Beta Particles	PIG-200	-∞	-∞	2.00E+01	1.00E+02	Bq/m3
7	Iodine	PIG-200	-∞	-∞	∞	∞	Bq/m3
8	Noble Gas	PIG-200	-∞	-∞	1.00E+05	5.00E+05	Bq/m3
9			0.00E+00	0.00E+00	0.00E+00	0.00E+00	
10			0.00E+00	0.00E+00	0.00E+00	0.00E+00	
11			0.00E+00	0.00E+00	0.00E+00	0.00E+00	
12			0.00E+00	0.00E+00	0.00E+00	0.00E+00	
13			0.00E+00	0.00E+00	0.00E+00	0.00E+00	
14			0.00E+00	0.00E+00	0.00E+00	0.00E+00	
15			0.00E+00	0.00E+00	0.00E+00	0.00E+00	

Setting the alarm levels of the RDU-22 measurement channels

