

## Overview of Monitoring and SNMP values - Dynamic-UserCenter DP32

The following table provides information about monitoring and SNMP/syslog supported by Dynamic-UserCenter. Marked with ✔ or ✘, the first four columns show, which device variants are affected by the listed monitoring or SNMP value.

The description in the column 'Name Monitoring' is displayed during the monitoring process and can also assume the values from the column 'Monitoring values'. The description in the column 'Name SNMP' is displayed during the monitoring process and can also assume the values from the column 'SNMP values'. Translations for the monitoring integrated in G&D devices are not considered in the list. The value from the column 'Nominal value' represents the nominal value. If the nominal value is reached and does not fall below or exceed the defined value, the value is shown in green during monitoring. If the

nominal value is not reached or falls below or exceeds the defined value, the value is shown in red during monitoring.

Values are sent via SNMP/syslog if a nominal value is reached or deviates from the given value. If the nominal value is not defined, the monitoring value is neutral and is displayed in black during monitoring. In this case, each change of values is sent via SNMP/syslog.

The SNMP manager ZABBIX provides templates to import elements for all supported G&D devices. The templates not only include SNMP names and values but also pre-defined triggers and update intervals. These values are listed in the columns Zabbix template "Trigger" and Zabbix template "Update interval (in sec)".



Dynamic-UserCenter DP32

Name Monitoring	SNMP value	Monitoring value	SNMP value	Nominal value	Zabbix template "Trigger"	Zabbix template "Update interval (in sec)"	Description
-	sysDescr	-	Variable value	-	-	3600	A textual description of the entity. This value includes the full name and version identification of the system's hardware type, software operating-system, and networking software.
-	sysObjectID	-	Variable value	-	-	-	The vendor's authoritative identification of the network management subsystem contained in the entity. This value is allocated within the SMI enterprises subtree (1.3.6.1.4.1) and provides an easy and unambiguous means for determining 'what kind of box' is being managed.
-	sysUpTime	-	Variable value	-	-	30	The time (in hundredths of a second) since the network management portion of the system was last re-initialized.
-	sysContact	-	Variable value	-	-	3600	The textual identification of the contact person for this managed node, together with information on how to contact this person.
-	sysName	-	Variable value	-	-	3600	An administratively-assigned name for this managed node. By convention, this is the node's fully-qualified domain name.
-	sysLocation	-	Variable value	-	-	3600	The physical location of this node (e.g., 'telephone closet, 3rd floor')
-	generalErrorCode	-	Variable value	0 = No error	<> 0 (Desaster)	3600	Error Code
-	generalErrorMessage	-	Variable value	No error	-	3600	Error Message
-	deviceId	-	Variable value	-	-	3600	Device ID (variable value)
-	deviceCl	-	Variable value	-	-	3600	Device class (variable value)
-	deviceType	-	Variable value	-	-	3600	Device type (variable value)
-	serialNumber	-	Variable value	-	-	3600	Serial number (variable value)
-	etherAddress0	-	Variable value	-	-	3600	MAC address of first ethernet port (variable value)
-	etherAddress1	-	Variable value	-	-	3600	MAC address of second ethernet port (variable value)



## Overview of Monitoring and SNMP values - DynamicUser-Center

Continued from page 1

Name Monitoring	SNMP value	Monitoring value	SNMP value	Nominal value	Zabbix template "Trigger"	Zabbix template "Update interval (in sec)"	Description
-	firmwareVersion	-	Variable value	-	-	3600	Firmware version (variable value)
Status	-	0 = Offline 1 = Online	-	1 = Online	-	-	Device status (Online/Offline) ----- Online = Device online Offline = Device offline
Main power	mainPower	0 = Off 1 = On	0 = off 1 = on	1 = On	<> 1 (High)	30	Status of main power supply (On/Off) ----- On = Main power supply is not supplied with power Off = Main power supply is supplied with power
Redundant power	redundantPower	0 = Off 1 = On	0 = off 1 = on	1 = On	<> 1 (Warning)	30	Status of redundant power supply (On/Off) ----- On = Redundant power supply is not supplied with power Off = Redundant power supply is supplied with power
Temperature	temperature1	°C	°C	0 - 65°C	> 65 (Desaster)	30	Device temperature (variable value / ° Celsius)
Network A	networkInterface0	0 = Down 1 = Up	0 = down 1 = up	neutral	<> 1 (Information)	30	Status of network interface A (Up/Down) ----- 0 = Inactive network interface 1 = Active network interface
Network B	networkInterface1	0 = Down 1 = Up	0 = down 1 = up	neutral	<> 1 (Information)	30	Status of network interface B (Up/Down) ----- 0 = Inactive network interface 1 = Active network interface
Fan speed N	-	RPM	-	neutral	-	-	Fan speed (variable value / rotations per minute) <<< N = number of fan >>>
-	fan1	-	RPM	-	-	30	Fan speed fan 1 (variable value / rotations per minute)

## Overview of Monitoring and SNMP values - Tables

Table 5: Limit values of current and voltage

Umin	Umax	Imin	Imax
10.5 V	10.5 V	0.8A	3.2A