

Digitale Extender IP (DP-Vision-IP, DVI-Vision-IP, DP1.2-Vision-IP, DL-DVI-Vision-IP)

The following table provides information about monitoring and SNMP/syslog supported digital extenders IP. 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 themonitoring 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 showing **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.



CPU	CON	Name Monitoring	Name SNMP	Monitoring values	SNMP values	Nominal value	Description
✓	✓	-	sysDescr	-	Variable value	-	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	-	The time (in hundredths of a second) since the network management portion of the system was last re-initialized.
✓	✓	-	sysContact	-	Variable value	-	The textual identification of the contact person for this managed node, together with information on how to contact this person.
✓	✓	-	sysName	-	Variable value	-	An administratively-assigned name for this managed node. By convention, this is the node's fully-qualified domain name.
✓	✓	-	sysLocation	-	Variable value	-	The physical location of this node (e.g., 'telephone closet, 3rd floor')
✓	✓	-	generalErrorCode	-	Variable value	0 = No error	Error Code
✓	✓	-	generalErrorMessage	-	Variable value	No error	Error Message
✓	✓	-	deviceId	-	Variable value	-	Device ID (variable value)
✓	✓	-	deviceCl	-	Variable value	-	Device class (variable value)
✓	✓	-	deviceType	-	Variable value	-	Device type (variable value)
✓	✓	-	serialNumber	-	Variable value	-	Serial number (variable value)
✓	✓	-	etherAddress0	-	Variable value	-	MAC address of ethernet transmission port (variable value)
✓	✓	-	etherAddress1	-	Variable value	-	MAC address of ethernet management port (variable value)

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CPU	CON	Name Monitoring	Name SNMP	Monitoring values	SNMP values	Nominal value	Description
✓	✓	-	firmwareVersion	-	Variable value	-	Firmware version (variable value)
✓	✓	-	snmpEngineID	-	Variable value	-	Unique identifier of SNMP engine Id (variable value) Elective the value is generated individually with every re-boot of the device by using a random number plus the current time in seconds, or by using a fixed value based on the MAC address, or by using a user defined value.
✓	✓	-	snmpEngineBoots	-	Variable value	-	Number of reboots of SNMP engine, since SNMP engine Id was last configured (variable value)
✓	✓	-	snmpEngineTime	-	Variable value	-	Number of seconds since the last reboot of SNMP engine (variable value)
✓	✓	-	snmpEngineMaxMessageSize	-	Variable value	-	Maximum length of a SNMP message which the SNMP engine can send or receive
✓	✓	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 (or monitoring disabled) 1 = on	1 = On	Status of main power supply (On/Off) ----- 0 = Main power supply is not supplied with power (or monitoring has been disabled in ConfigPanel) 1 = Main power supply is supplied with power
✓	✓	Redundant power	redundantPower	0 = Off 1 = On	0 = off (or monitoring disabled) 1 = on	1 = On	Status of redundant power supply (On/Off) ----- 0 = Redundant power supply is not supplied with power (or monitoring has been disabled in ConfigPanel) 1 = Redundant power supply is supplied with power
✓	✓	Temperature	temperature1	°C	°C	0 - 65°C	Device temperature (variable value / ° Celsius)
✓	✓	Transmission	networkInterface0	0 = down 1 = up	0 = down (or monitoring disabled) 1 = up	neutral	Status of network interface ,Transmission' (Up/Down) ----- 0 = Inactive network interface (or monitoring has been disabled in ConfigPanel) 1 = Active network interface
✓	✓	Management	networkInterface1	0 = down 1 = up	0 = down (or monitoring disabled) 1 = up	neutral	Status of network interface ,Management' (Up/Down) ----- 0 = Inactive network interface 1 = Active network interface
✓	✗	CPU power	targetPower	0 = Off 1 = On	0 = off (or monitoring disabled) 1 = on	neutral	Power supply of target (On/Off) ----- 0 = Power supply of target off (or monitoring has been disabled in ConfigPanel) 1 = Power supply of target on

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CPU	CON	Name Monitoring	Name SNMP	Monitoring values	SNMP values	Nominal value	Description
✓	✗	CPU PS/2	targetPS2Connection	0 = None 1 = Keyboard 2 = Mouse 3 = K/M	0 = none (or monitoring disabled) 1 = keyboard 2 = mouse 3 = keyboardMouse	neutral	Status of PS/2 interface to target (No connection/Keyboard/Mouse/Keyboard and Mouse) ----- 0 = PS/2 interface not connected to target (or monitoring has been disabled in ConfigPanel) 1 = PS/2 keyboard is connected to target 2 = PS/2 mouse is connected to target 3 = PS/2 keyboard and mouse are connected to target
✓	✗	CPU USB K/M	targetUsbHid	0 = Disconnected 1 = Connected 2 = Initialized	0 = notConnected (or monitoring disabled) 1 = connected 2 = initialized	neutral	Status of USB-HID interface to target (Disconnected/Connected/Initialised) ----- 0 = USB-HID interface not connected to target (or monitoring has been disabled in ConfigPanel) 1 = USB-HID interface connected to target 2 = Communication between USB-HID interface and computer established
✓	✗	Video cable CPU N	targetVideoCable.N	0 = Disconnected 1 = Connected	0 = notConnected (or monitoring disabled) 1 = connected	neutral	Status of video cable connection to target (Disconnected/Connected) <<< N = number of video channel >>> ----- 0 = video interface not connected to target (or monitoring has been disabled in ConfigPanel) 1 = video interface connected to target
✓	✗	Video signal CPU N	targetVideoSignal.N	0 = None 1 = VGA 2 = SL-DVI 3 = DL-DVI 4 = DM-DP 5 = DP 6 = HDMI	0 = none (or monitoring disabled) 2 = dvisl 5 = dp 6 = hdmi	neutral	Video Signal Status from Target (None/VGA/SingleLink-DVI/DualLink-DVI/DualMode-DisplayPort/DisplayPort/HDMI) <<< N = number of video channel >>> ----- 0 = No video input signal from target (or monitoring has been disabled in ConfigPanel) 1 = Target supplies VGA Signal 2 = Target supplies SingleLink DVI Signal 3 = Target supplies DualLink DVI Signal 4 = Target supplies DualMode DisplayPort Signal 5 = Target supplies DisplayPort Signal 6 = Target supplies HDMI signal
✓	✗	CPU access	targetAccess	0 = Local 1 = Remote 2 = Local excl. 3 = Remote excl.	0 = local (or monitoring disabled) 1 = remote 2 = localExclusive 3 = remoteExclusive	neutral	Target access (Local/Remote/Local exclusive/Remote exclusive) ----- 0 = Local access is active (or monitoring has been disabled in ConfigPanel) 1 = Remote access is active 2 = Local access only is active 3 = Remote access only is active

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CPU	CON	Name Monitoring	Name SNMP	Monitoring values	SNMP values	Nominal value	Description
✓	✓	Console PS/2	consolePS2Connection	0 = None 1 = Keyboard 2 = Mouse 3 = K/M	0 = none (or monitoring disabled) 1 = keyboard 2 = mouse 3 = keyboardMouse	neutral	Status of PS/2 interface of console or local console (No device/Keyboard/Mouse/Keyboard and Mouse) ----- 0 = No device connected (or monitoring has been disabled in ConfigPanel) 1 = Keyboard connected 2 = Mouse connected 3 = Keyboard and mouse connected
✓	✓	Console USB	consoleUSBConnection	0 = None 1 = Keyboard 2 = Mouse 3 = K/M	0 = none (or monitoring disabled) 1 = keyboard 2 = mouse 3 = keyboardMouse	neutral	Status of USB-HID interface of console or local console (No device/Keyboard/Mouse/Keyboard and Mouse) ----- 0 = No device connected (or monitoring has been disabled in ConfigPanel) 1 = Keyboard connected 2 = Mouse connected 3 = Keyboard and mouse connected
✗	✓	Display N	displayConnection.N	0 = Disconnected 1 = Connected	0 = notConnected (or monitoring disabled) 1 = connected	neutral	Status of screen at console or local console (Disconnected/Connected) <<< N = number of video channel >>> ----- 0 = Screen is not connected (or monitoring has been disabled in ConfigPanel) 1 = Screen is connected
✗	✓	Display type N	displayType.N	Variable value	Variable value	neutral	Information about screen type at console or local console (variable value) <<< N = number of video channel >>>
✗	✓	Freeze N	freeze.N	0 = Inactive 1 = Active	0 = false (or monitoring disabled) 1 = true	neutral	Status of Freeze function (Inactive/Active) <<< N = number of video channel >>> ----- 0 = Video channel is not in Freeze mode (or monitoring has been disabled in ConfigPanel) 1 = Video channel is in Freeze mode