

IPLOG-APP/GX-PER+ is an application designed for IPLOG-GAMA PLCs, extending the set of Event management tools by

- ❖ Support of CUP+ Units
- ❖ Automatic Actions for each DSP+
- ❖ Supports Functions Available in Peridect+:
Aggregation, Inputs, Outputs, States, Logic Functions
- ❖ Settings of up to 512 Automatic Actions
- ❖ Supports Controlling of 32 Cameras via HTTP/Onvif

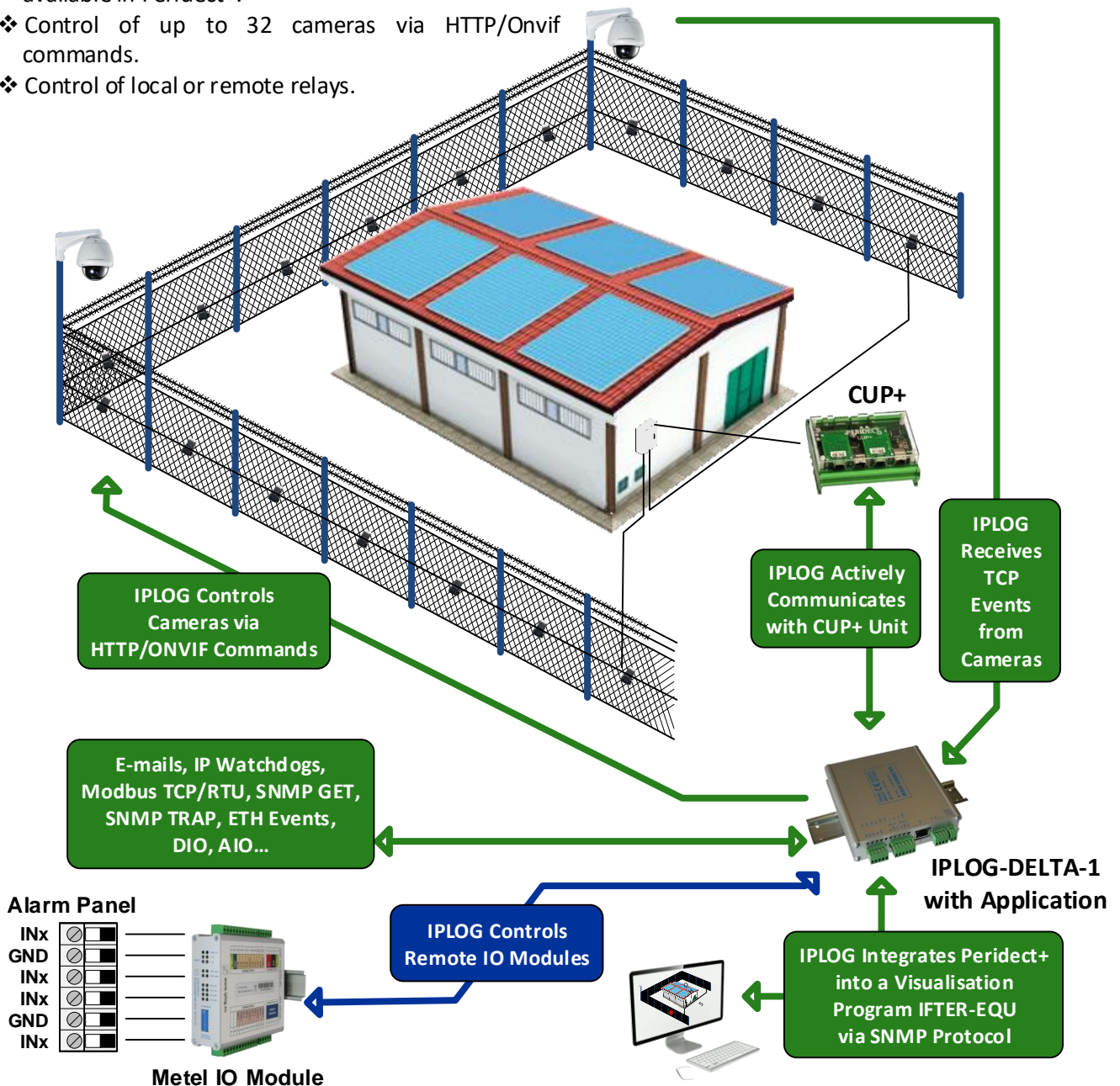
IPLOG works as a controlling PLC without the need to install other integration software. IPLOG automatically executes automatic actions which are needed to solve alarms received from CUP+ units. Based on the received responses, an execution of automatic actions will be conducted, depending on which action is needed - there are 512 actions available. Typical examples are:

- ❖ Application supports standard functions which are available in Peridect+.
- ❖ Control of up to 32 cameras via HTTP/Onvif commands.
- ❖ Control of local or remote relays.



PRODUCT NAME	CODE	NOTE
IPLOG-DELTA-1-PER+	5-102-222	HW + APP
IPLOG-APP/D1-PER+	8-000-023	1 Licence
IPLOG-APP/D1-PER+ -OEM	8-000-024	3 Licences*

*OEM licenses can be only used when the application is ordered with hardware.

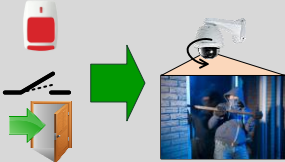


Event Management multifunctionality

The main purpose of Event Management is the utilization of the synergetic effects of settings, increasing the utility value of the system as a whole. The camera is no longer passively looking at a preset position while the off-camera sensor detects motion, fire, the opening of door etc. Switches automatically evaluate such events and send commands to the camera to turn towards the problem.

Further examples of automatic actions:

Opening a door contact or a change in PIR sensor status (motion, sabotage, antimasking, failure ...) activates the sending of HTTP/CGI commands to the camera to turn to the defined PRESET, runs a PATTERN etc. A synchronously sent trap to VMS software informs the operator



IP Watchdogs automatically monitor the availability of IP devices using ARP requests. If the device does not respond, the switch can automatically send a SNMP trap, close or open a local/remote output, restart PoE, send an e-mail, send a HTTP/CGI command, etc.



If the connected sensors measure temperature, humidity or fluid level outside the desired range Event Management automatically performs pre-set action, such as switching on/off the heating, ventilation, air conditioning, and sending SNMP traps to report problems encountered, etc.



IPLOG-APP... applications extend the basic set of Event management tools by the support of:

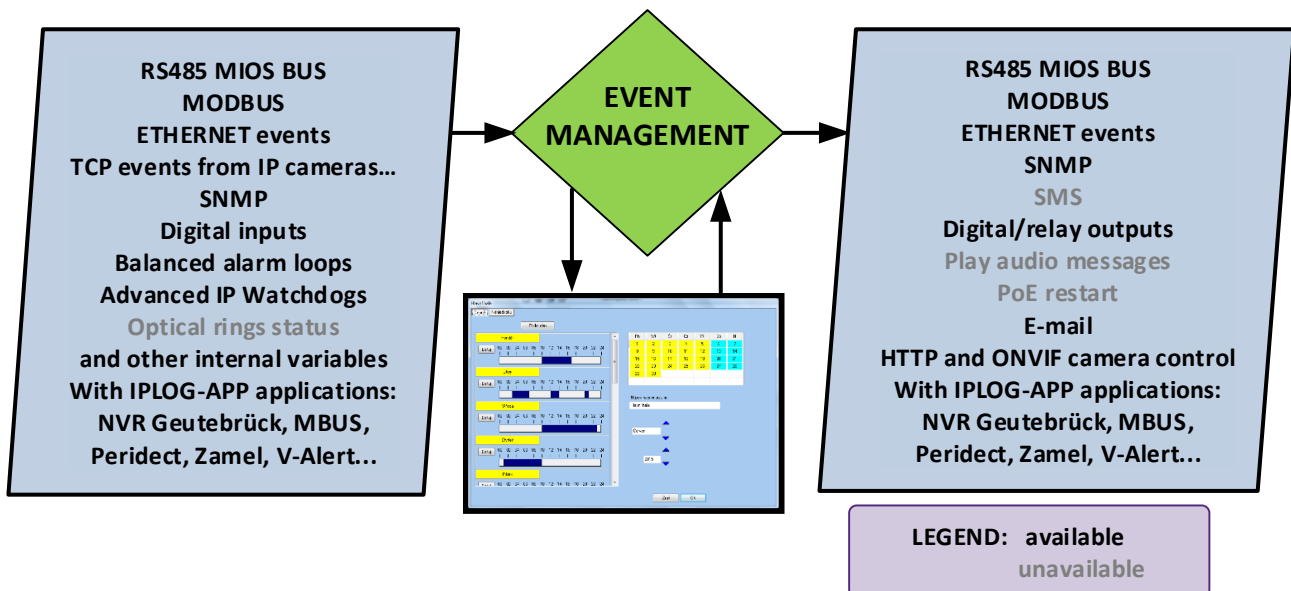
- perimeter protection systems
- NVR
- collection of data from electricity, gas and water meters.

More at www.metel.eu



Available Inputs and Outputs Event management

A unique set of tools in the EXTENSION menu of LAN-RING switches and IPLOG units allow you to set a wide range of automated actions independent of external software. For their settings, a wide range of inputs and outputs are available. We have been extending this range based on customer demands.



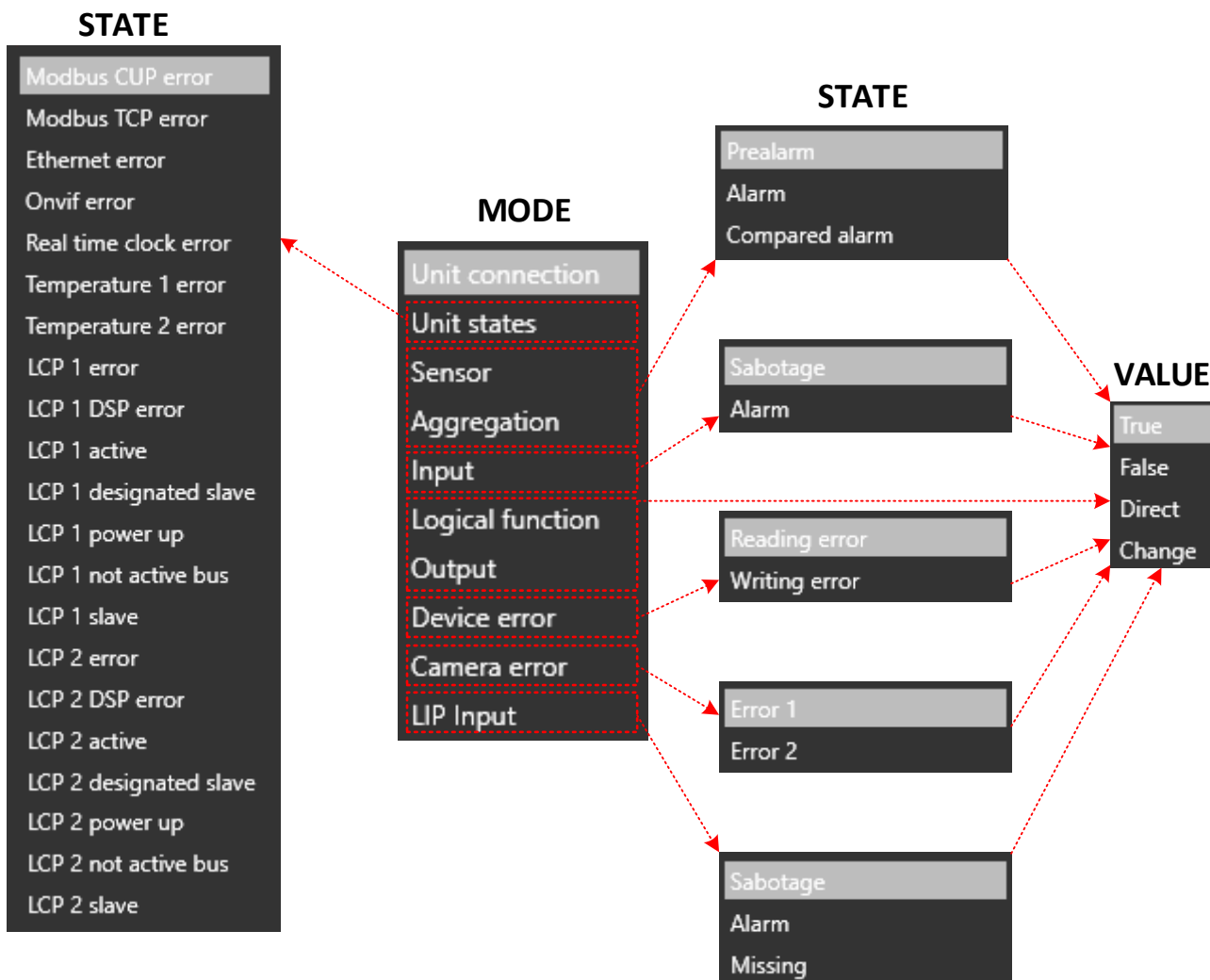
Detailed information about the support of particular inputs and outputs are available at www.metel.eu

IPLOG-APPD1-PER+

IPLOG application for perimetric system Peridect+

Technical parameters

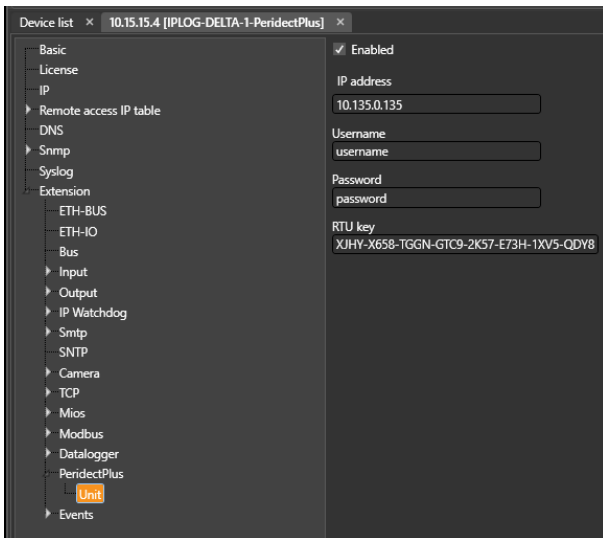
Parameter	Values	Note
Number of supported CUP+	1	
Number of supported DSP+	1-1000	PreAlarm, alarm, compared alarm
Supports reading/controlling outputs Peridect+	Yes	1-128
Supports inputs Peridect+	Yes	Sabotage, alarm (1-32)
Supports LIP inputs	Yes	Sabotage, alarm, disconnection (1-128)
Supports aggregation	Yes	PreAlarm, alarm, compared alarm (1-128)
Supports logical functions Peridect+	Yes	1-32
Device error	Yes	Reading error, writing error (1-32)
Camera error	Yes	Error 1, error 2 (1-128)
Unit state	Yes	
Modbus CUP error, Modbus TCP error, Ethernet error, Onvif error, Real time clock error, Temperature 1 error, Temperature 2 error, LCP 1 error, LCP 1 DSP error, LCP 1 active, LCP 1 designated slave, LCP 1 power up, LCP 1 not active BUS, LCP 1 slave, LCP 2 error, LCP 2 DSP error, LCP 2 active, LCP 2 designated slave, LCP 2 power up, LCP 2 not active BUS, LCP 2 slave		
Detection of communication with IPLOG	Yes	
Support of camera control	32 cameras	16 commands (set PRESET, PATTERN, IO...)x256 parameters (number PRESETS, PATTERNS)
Number of automatic actions	512	
The producer retains the right to change any technical parameters without previous written or published notification.		



Setting of communication and examples of automatic action for system Peridect+

1) In the menu „Extension/PeridectPlus/Unit“ enable communication and set login to CUP+ unit.

📖 IPLOG and CUP+ unit must be in the same network subnet.



- **Detection interruption communication with CUP+ unit**

📖 IPLOG supports detection communication with CUP+ unit.

Event name	Input	Output
Connection	PERIDECT PLUS:1:Unit connection:Direct	RELAY:OUT2 [OUT2]:Reset/Set

Example: If IPLOG unit detects, that communication with CUP+ unit was lost, output nr.2 will be activated. In the case of restoration of communication, output nr.2 will be deactivated -> mode DIRECT.

- **Alarm detection on the DSP+ sensor**

📖 IPLOG supports detection of prealarms, alarms and compared alarms.

Event name	Input	Output
DSP_32 Alarm	PERIDECT PLUS:1:Sensor:Alarm:32:Direct	MIOS:Output5 [SLOT 1]:Set/Reset

Example: If IPLOG unit detects alarm from a DSP+ sensor, output nr.5 on the IPSEN-D6 will be activated. In case of deactivation of alarm, output nr.5 will be deactivated -> mode DIRECT.

- **Inputs Peridect+**

📖 IPLOG supports detection of sabotage, alarm and disconnection input on the LIP unit.

Event name	Input	Output
LIP_IN70	PERIDECT PLUS:1:LIP Input:Alarm:70:Direct	CAMERA:CAM 3 [CAM 3]:Move:Preset 11

Example: In the case of an activation alarm on the LIP unit, camera nr.3 will be turn to preset nr.11.

- **Control outputs Peridect+**

📖 IPLOG supports control of outputs, which are available for Peridect+.

Event name	Input	Output
REMOTE_INPUT	ETH:ID #7	PERIDECT PLUS:1:Output:3:Set

Example: If IPLOG receives information the from remote device, output nr. 3 will be activated.

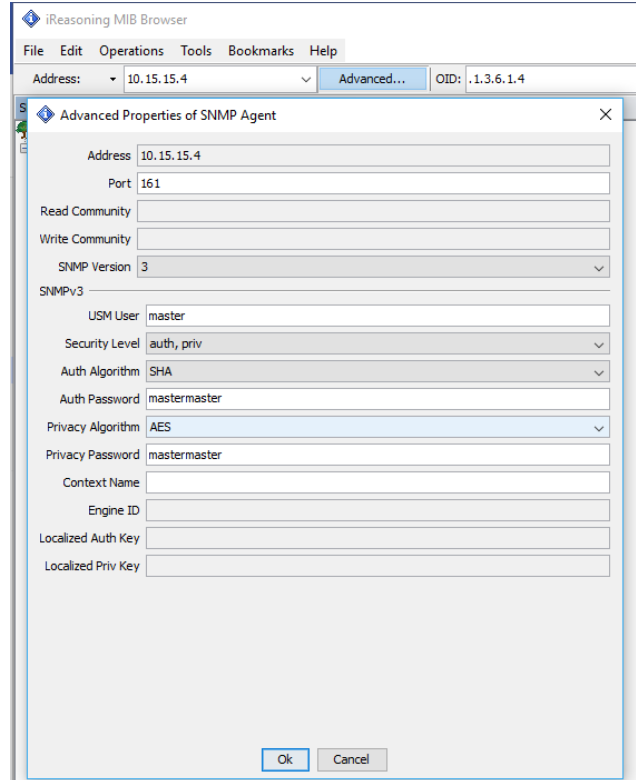
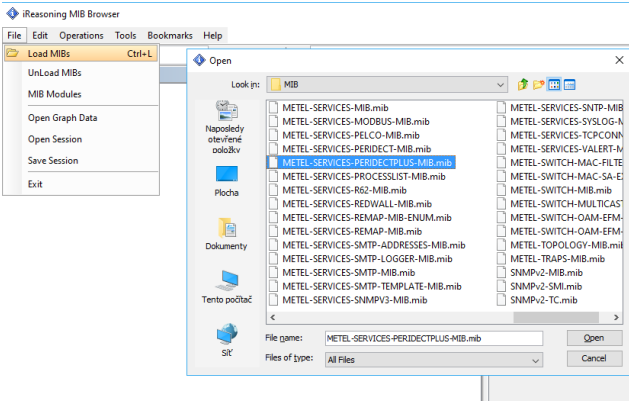
Reading variables from Peridect+ via SNMP protocol

1) In the www.metel.eu download the MIB file, which includes OID for Peridect+

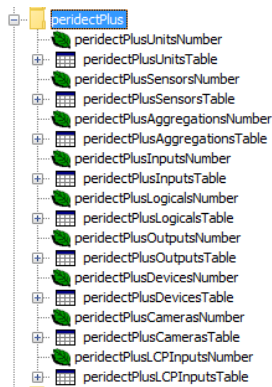
Here is an example of using the software iReasoning MIB browser.

2) Loading the MIB file PeridectPlus.

3) Fill in the IP address and login into the IPLOG unit.



3) From the tree structure iso.org.dod.internet/private/enterprises/metel/device/services/peridectPlus, select variable from which you can read values.



4) Example of reading tables which includes variable with DSP+.

	1	2	3
peridectPlusSensorRowIndex	0	1	2
peridectPlusSensorUnitIndex	0	0	0
peridectPlusSensorLineIndex	0	0	0
peridectPlusSensorIndex	0	1	2
peridectPlusSensorState	normal	normal	normal
peridectPlusSensorValue	70	240	16
peridectPlusSensorPreAlarm	quiet	alarm	quiet
peridectPlusSensorAlarm 1	quiet	alarm	quiet
peridectPlusSensorAlarm 2	quiet	quiet	quiet