

# HWg-Ares12/Hwg-Ares14 ver. 1.01 XML description

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<?xml version="1.0" encoding="utf-8"?>
<root>
  <Agent>
    <Version>1.0.23d</Version> - Firmware version R/O
    <XmlVer>1.01</XmlVer> - XML version R/O
    <DeviceName>Ares</DeviceName> - Device name R/O
    <Model>53</Model> - Device Model R/O
    <IMEI>012207003072078</IMEI> - IMEI R/O
    <Uptime>21894</Uptime> - Uptime R/O
    <time>1406009004</time> - Unix Timestamp counted from 1.1.1970 R/O
    <modem_rev>1137B12SIM900M64_ST</modem_rev> - Specific modem revision. For R/O diagnostics only
    <ConfigSaveTime>1405429146</ConfigSaveTime> - Time of the last configuration change. Used for synchronisation of
configuration with portal via HWg-PUSH protocol R/O.
    <setdefault>1</setdefault> - Command used for importing the configuration. With its value set to 1,
the settings will be set to defaults before importing. With the value set
to 0 the imported configuration will merge with actual settings. R/W

  </Agent>
  <setup>
    <host_name>Ares</host_name> - Host name R/W
    <device_name>Ares</device_name> - Device name R/W
    <sys_unit>1</sys_unit> - Sets the basic temperature unit: 1 = Celsius, 2 = Fahrenheit, 3 = Kelvin
R/W
    <sim_pin></sim_pin> - PIN R/W
    <sms>
      <sms_rcpt1>;;;</sms_rcpt1> - SMS recipients, divided with “;” R/W
      <sms_rcpt2></sms_rcpt2> - SMS recipient R/W
      <sms_pass>1234</sms_pass> - Password for Status SMS R/W
      <sms_cfg>6</sms_cfg> - SMS state
      <sms_remind_per>0</sms_remind_per> - Period (seconds) for SMS reminders sending (Alarm reminder) R/W
      <sms_text1>%MSG_TYPE%: Hi, %SRC_NAME%, value %SRC_VALUE%%SRC_UNIT% is on state %SRC_STATUS%.
Your %DEV_NAME%</sms_text1> - SMS Template 1 R/W
      <sms_text2>%MSG_TYPE%: %DEV_NAME%, %TABLE_SENSORS%; %TABLE_INPUTS%</sms_text2> - SMS
Template 2 R/W
      <sms_text3>Template is not defined</sms_text3> - SMS Template 3 R/W
      <sms_text4>Template is not defined</sms_text4> - SMS Template 4 R/W
      <sms_remind_tmpl>0</sms_remind_tmpl> - Template for Alarm reminder SMS (tag index <sms_textx>) R/W
      <sms_status_tmpl>0</sms_status_tmpl> - Template for Status SMS (tag index <sms_textx>) R/W
      <sms_per_status_per>0</sms_per_status_per> - Period (seconds) for status SMS sending (Periodic Status) R/W
      <sms_per_status_tmpl>0</sms_per_status_tmpl> - Template for Periodic Status SMS (tag index <sms_textx>) R/W
    </sms>
    <smtp>
      <smtp_server>some.smtp.server</smtp_server> - DNS address or IP address of remote SMTP server R/W
      <smtp_port>25</smtp_port> - Port for communication with remote SMTP server R/W
      <smtp_user></smtp_user> - SMTP authentication Login name R/W
      <smtp_pass></smtp_pass> - SMTP authentication Password R/W
      <smtp_ssl>0</smtp_ssl> - SMTP authentication over STARTTLS (0/1) R/W
      <smtp_from>user@domain.com</smtp_from> - Email address of sender R/W
      <smtp_subj>Ares</smtp_subj> - Subject prefix of Email message R/W
      <alarm_email>
        <aemail_to>recipient@domain.com;;;</aemail_to> - E-mail recipients, divided by “;” R/W
        <aemail_cc></aemail_cc> - E-mail recipients, divided by “;” R/W
        <aemail_importance>0</aemail_importance> - E-mail priority settings, 0=normal, 1=high, 2=low R/W
        <aemail_cfg>1</aemail_cfg>
        <aemail_status_per>0</aemail_status_per> - Period (hours) for sending e-mails with data logs R/W
        <aemail_remind_per>0</aemail_remind_per> - Period (minutes) for SMS reminders sending (Alarm reminder) R/W
        <aemail_status_tmpl>0</aemail_status_tmpl> - Template for status e-mail (tag index <aemail_template>) R/W
        <aemail_remind_tmpl>0</aemail_remind_tmpl> - Template for Reminder e-mail (tag index <aemail_template>) R/W
        <aemail_per_status_per>0</aemail_per_status_per> - Period (minutes) for sending periodical e-mail messages (Periodic
Status)
        <aemail_per_status_tmpl>0</aemail_per_status_tmpl> - Template for Periodic status e-mail (tag index
<aemail_template>) R/W
      </alarm_email>
      <aemail_template>
        <aemail_subj1>Subj %DEV_NAME%: %MSG_TYPE%</aemail_subj1> - Email Subject Template 1 R/W
      </aemail_template>
    </smtp>
  </setup>

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    <email_subj2></email_subj2> - Email Subject Template 2 R/W
    <email_subj3></email_subj3> - Email Subject Template 3 R/W
    <email_subj4></email_subj4> - Email Subject Template 4 R/W
    <email_body1>Hi,&#13;&#10;&#13;&#10;%SRC_NAME%, value %SRC_VALUE%%SRC_UNIT% is on state
    %SRC_STATUS%.&#13;&#10;&#13;&#10,Your %DEV_NAME%</email_body1>- Email body Template 1 R/W
    <email_body2></email_body2> - Email body Template 2 R/W
    <email_body3></email_body3> - Email body Template 3 R/W
    <email_body4></email_body4> - Email body Template 4 R/W
  </email_template>
  <logger_email>
    <lemail_per>0</lemail_per> - Reporting period in hours R/W
    <lemail_to>recipient@domain.com::;</lemail_to> - E-mail recipients, divided with “;” R/W
    <lemail_cc></lemail_cc> - E-mail copy recipient R/W
    <lemail_importance>0</lemail_importance> - E-mail priority settings, 0= normal, 1=high, 2=low R/W
    <lemail_cfg>0</lemail_cfg> - 0/1, 1=Erase reported (delivered to SMTP server) values from Logfile
    R/W
    <lemail_tmpl>0</lemail_tmpl> - Template for log e-mail (tag index <email_template>) R/W
  </logger_email>
</smtp>
<gprs>
  <gprs_cfg>1</gprs_cfg> - GPRS Enable (0/1) R/W
  <gprs_apn>internet</gprs_apn> - APN R/W
  <gprs_number>*99**1#</gprs_number> - GPRS Dial Number R/W
  <gprs_user></gprs_user> - GPRS username R/W
  <gprs_pass></gprs_pass> - GPRS password R/W
  <gprs_chat></gprs_chat> - GPRS other AT strings R/W
</gprs>
<portal>
  <portal_cfg>0</portal_cfg> - Portal Enable (0/1) R/W
  <portal_server>http://some_server/portal.xml</portal_server> - URL portal R/W
  <portal_port>80</portal_port> - TCP port remote portal R/W
  <portal_user></portal_user> - Portal username R/W
  <portal_pass></portal_pass> - portal password R/W
  <portal_log_per>0</portal_log_per> - log period R/W only from Portal (HWg-PUSH protocol)
  <portal_push_per>10</portal_push_per> - Push Period R/W only from Portal (HWg-PUSH protocol)
  <portal_aplimit>30</portal_aplimit> - Max number of messages per minute sent with AutoPush function R/W
  Only from Portal (HWg-PUSH protocol)
</portal>
<sntp>
  <time_server>europe.pool.ntp.org</time_server> - DNS address or IP address of SNTP server (time server) R/W
  <time_sync_per>0</time_sync_per> - Period for time synchronization R/W
  <time_zone>1</time_zone> - time shift (hours) R/W
  <time_cfg>3</time_cfg> - 1.bit Daylight Enable/Disable, 2.bit Time sync after start
  Enable/Disable
</sntp>
<system>
  <log_per>900</log_per> - Period for logging into the internal memory
  <per_rst>0</per_rst> - Periodic reset Enable (0/1) R/W
  <per_rst_time>7200</per_rst_time> - periodic reset time (in second UTC) R/W
  <upgrade_server>http://new.hwg.cz/download/fw/version/hwg-ares12.js</upgrade_server> - URL of a server for remote
  upgrade of the device R/O
</system>
<sensors>
  <sensor id="65535"> - Entry identification R/O
    <name>Battery Monitor</name> - Defined name of the sensor R/W
    <sen_id>4012207003053425</sen_id> - Sensor ID R/O
    <unit>%</unit> - Sensors Unit R/O
    <exp>0</exp> - Exponent of Value R/O
    <safe_range_low>25</safe_range_low> - SafeRange minimal limit R/W
    <safe_range_hi>100</safe_range_hi> - SafeRange maximal limit R/W
    <hyst>1</hyst> - Hysteresis (non sensitivity range) value R/W
    <cfg>0</cfg> - 1.bit send SNMP trap if alarm Enable/Disable, 2.bit send email if alarm
    Enable/Disable, 3.bit send sms if alarm Enable/Disable
    <email_tmpl>0</email_tmpl> - E-mail Template for this sensor (0-4) R/W
    <sms_tmpl>0</sms_tmpl> - SMS Template for this sensor (0-4) R/W
    <delay>0</delay> - Delay (seconds) before the alarm start R/W
    <ap_delta>0</ap_delta> - Values difference (delta) that activates the AutoPush messages sending
    (more in HWg-PUSH protocol description) R/W
  </sensor>
</sensors>

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<inputs>
  <input id="1">
    <name>Input 1</name>
    <cfg>0</cfg>
    <cfg_alarm>0</cfg_alarm>
    <email_tmpl>0</email_tmpl>
    <sms_tmpl>0</sms_tmpl>
    <state0_name>OFF</state0_name>
    <state1_name>ON</state1_name>
    <delay>0</delay>
    <ap_delta>0</ap_delta>
  </input>
  <input id="2">
    <name>Input 2</name>
    <cfg>0</cfg>
    <cfg_alarm>0</cfg_alarm>
    <email_tmpl>0</email_tmpl>
    <sms_tmpl>0</sms_tmpl>
    <state0_name>OFF</state0_name>
    <state1_name>ON</state1_name>
  </input>
  <input id="8">
    <name>External Power</name>
    <cfg>0</cfg>
    <cfg_alarm>0</cfg_alarm>
    <email_tmpl>0</email_tmpl>
    <sms_tmpl>0</sms_tmpl>
    <state0_name>OFF</state0_name>
    <state1_name>ON</state1_name>
  </input>
</inputs>
</setup>
</root>

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- Entry identification R/W
- Defined name of the input R/W
- 0 = Alarm disable, 1 = Alarm if active on, 2 = Alarm if active off
- 1.bit send SNMP trap if alarm Enable/Disable, 2.bit send email if alarm Enable/Disable, 3.bit send SMS if alarm Enable/Disable
- E-mail Template for this input (0-4) R/W
- SMS Template for this input (0-4) R/W
- Name of state log.0 R/W
- Name of state log.1 R/W
- Delay (seconds) before the alarm start R/W
- Enables sending data to the portal also outside the time period and outside the Alarm states (more in the PUSH protocol description) R/W