

RUTX08 TR-069

[Main Page](#) > [RUTX Routers](#) > [RUTX08](#) > [RUTX08 Manual](#) > [RUTX08 WebUI](#) > [RUTX08 Services section](#) > **RUTX08 TR-069**

The information in this page is updated in accordance with firmware version [RUTX_R_00.07.07.3](#).

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Contents

- [1 Summary](#)
- [2 TR-069 Client Configuration](#)
- [3 Management via TR-069](#)

Summary

TR-069 (Technical Report 069) is an application layer protocol designed for management of equipment connected to a remote network.

This chapter of the user manual provides an overview of the UPnP page in RUTX08 devices.

TR-069 is additional software that can be installed from the **System** → [Package Manager](#) page.

TR-069 Client Configuration

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| Field | Value | Description |
|-----------------------|--|---|
| Enable | off on; default: off | Turns TR-069 client on or off. |
| Periodic enable | off on; default: on | Turns periodic data transmissions to server on or off. |
| Accept server request | off on; default: off | When enabled the device accepts connection requests from servers. |
| Sending interval | integer [60..9999999]; default: 100 | Periodic data transmission frequency (in seconds). |
| Username | string; default: easycwmp | Username used for authentication to a TR-069 server. |
| Password | string; default: easycwmp | Password used for authentication to a TR-069 server. |

| | | |
|-----|---|---|
| URL | host ip; default: http://192.168.1.110:8080/openacs/acs | IP address or hostname of a TR-069 server. |
|-----|---|---|

Management via TR-069

TR-069 can be used to set or get values from RUT devices. Below is a list of commands used for device management via TR-069.

- R - read only;
 - RW - read/write;
 - string(64) - 64 bit string;
 - string(256) - 256 bit string;
 - unsignedInt - integer storing only positive values.
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Device Information:

1. **DeviceInfo.HardwareVersion** - device hardware version (e.g., 0201) R
 2. **DeviceInfo.Manufacturer** - device manufacturer (e.g., Teltonika) R
 3. **DeviceInfo.ManufacturerOUI** - organizationally unique identifier of the device manufacture (e.g., 001E42) R
 4. **DeviceInfo.ProductClass** - device model (e.g., RUTX08) R
 5. **DeviceInfo.ProvisioningCode** - provisioning code
 6. **DeviceInfo.SerialNumber** - device serial number (e.g., 1000111111) R
 7. **DeviceInfo.SoftwareVersion** - device software version (e.g., RUTX_R_00.0X.XX) R
 8. **DeviceInfo.SpecVersion** - device special version (e.g., 1.0) R
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Device IP interface information:

1. **IP.Interface.1.Enable** - interface enabled/disabled (e.g., true) R
 2. **IP.Interface.1.IPv4Address.1.Enable** - IPv4 address enabled/disabled (e.g., 1) R
 3. **IP.Interface.1.IPv4Address.1.IPAddress** - IPv4 address (e.g., 192.168.1.1) R
 4. **IP.Interface.1.Name** - interface name (e.g., lan) R
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Device Management Server information:

1. **ManagementServer.ConnectionRequestPassword** - connection request password (e.g., randompasword) R
2. **ManagementServer.ConnectionRequestURL** - connection request URL R
3. **ManagementServer.ConnectionRequestUsername** - connection request username (e.g., 001E42-RUTX14-0000000000) R
4. **ManagementServer.ParameterKey** -
5. **ManagementServer.Password** -
6. **ManagementServer.PeriodicInformEnable** - enabled/disabled TR-069 client periodic data transmission to TR-069 server (e.g., true) R

7. **ManagementServer.PeriodicInformInterval** - periodic data transmission interval (e.g., 300) R
 8. **ManagementServer.PeriodicInformTime** - periodic information time (e.g., 1/1/1970, 8:09:27 PM) R
 9. **ManagementServer.URL** - server URL R
 10. **ManagementServer.Username** - server username R
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Device ID information:

1. **DeviceID.ID** - device ID (e.g., 001E42-RUTX14-0000000000) R
 2. **DeviceID.Manufacturer** - device manufacturer (e.g., Teltonika) R
 3. **DeviceID.OUI** - organizationally unique identifier of the device manufacture (e.g., 001E42) R
 4. **DeviceID.ProductClass** - product class (e.g., RUTXXX) R
 5. **DeviceID.SerialNumber** - device serial number R
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Events information:

1. **Events.0_BOOTSTRAP** - bootstrap time R
2. **Events.1_BOOT** - boot time R
3. **Events.Inform** - information time R
4. **Events.Registered** - events reg time R