RUT901 TR-069

The information in this page is updated in accordance with firmware version **RUT9M_R_00.07.06.8**.

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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 RUT901 devices.

TR-069 is additional software that can be installed from the **System → Package Manager** page.

TR-069 Client Configuration

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.

Device Information:

1. **DeviceInfo.Manufacturer** - device manufacturer (e.g., Teltonika) R
2. **DeviceInfo.ProductClass** - device model (e.g., RUT901) R
3. **DeviceInfo.SerialNumber** - device serial number (e.g., 1000111111) R
4. **DeviceInfo.UpTime** - device uptime R;

Mobile Information:

1. **MobileInfo.ICCID** - SIM ICCID R;
2. **MobileInfo.Operator** - name of operator used R;
3. **MobileInfo.SentThisMonth** - bytes sent this month R;
4. **MobileInfo.ReceivedThisMonth** - bytes received this month R;