

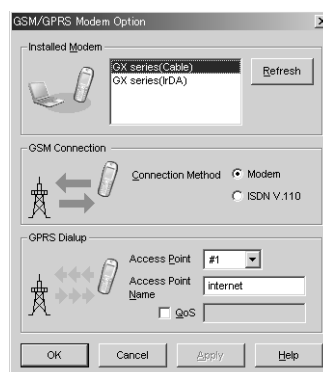
Usage of QoS setting in Modem Driver

GPRS QoS (Requested) parameter can be configured in the Modem driver for GX10.

1. Double click "SHARP GSM GPRS" icon in the Control Panel.

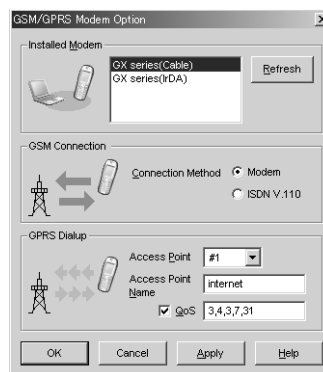


2. "GSM/GPRS Modem Option" dialog appears. Choose a modem device from "Installed Modem".



3. Tick QoS checkbox and enter QoS (Requested) parameters in the following format: <precedence>, <delay>, <reliability>, <peak>, <mean>. Then, Click [OK].

[Note] The specified QoS parameters will be used from a next dialup networking.



Each QoS parameter can be specified as a numeric value and corresponds to GSM 03.60

<precedence>

Specified Value	Precedence Class	Meaning
1	Class 1	High priority
2	Class 2	Normal priority
3	Class 3	Low priority



<delay>

Specified Value	Delay Class	Meaning
1	Class 1	Delay class 1
2	Class 2	Delay class 2
3	Class 3	Delay class 3
4	Class 4	The best effort delay class (4).

<reliability>

Specified Value	Reliability Class	Meaning
1	Class 1	Non real-time traffic, error-sensitive application that cannot cope with data loss.
2	Class 2	Non real-time traffic, error-sensitive application that can cope with infrequent data loss.
3	Class 3	Non real-time traffic, error-sensitive application that can cope with data loss, GMM/SM, and SMS.
4	Class 4	Real-time traffic, error-sensitive application that can cope with data loss.
5	Class 5	Real-time traffic, error non-sensitive application that can cope with data loss.

<peak>

Specified Value	Peak Throughput Class	Meaning (Peak Throughput in octets per second)
1	Class 1	Up to 1 000 (8 kbit/s).
2	Class 2	Up to 2 000 (16 kbit/s).
3	Class 3	Up to 4 000 (32 kbit/s).
4	Class 4	Up to 8 000 (64 kbit/s).
5	Class 5	Up to 16 000 (128 kbit/s).
6	Class 6	Up to 32 000 (256 kbit/s).
7	Class 7	Up to 64 000 (512 kbit/s).
8	Class 8	Up to 128 000 (1 024 kbit/s).
9	Class 9	Up to 256 000 (2 048 kbit/s).

<mean>

Specified Value	Mean Throughput Class	Meaning (Mean Throughput in octets per hour)
1	Class 1	100 (~0.22 bit/s).
2	Class 2	200 (~0.44 bit/s).
3	Class 3	500 (~1.11 bit/s).
4	Class 4	1 000 (~2.2 bit/s).
5	Class 5	2 000 (~4.4 bit/s).
6	Class 6	5 000 (~11.1 bit/s).
7	Class 7	10 000 (~22 bit/s).
8	Class 8	20 000 (~44 bit/s).
9	Class 9	50 000 (~111 bit/s).
10	Class 10	100 000 (~0.22 kbit/s).
11	Class 11	200 000 (~0.44 kbit/s).
12	Class 12	500 000 (~1.11 kbit/s).
13	Class 13	1 000 000 (~2.2 kbit/s).
14	Class 14	2 000 000 (~4.4 kbit/s).
15	Class 15	5 000 000 (~11.1 kbit/s).
16	Class 16	10 000 000 (~22 kbit/s).
17	Class 17	20 000 000 (~44 kbit/s).
18	Class 18	50 000 000 (~111 kbit/s).
31	Class 31	Best effort.

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