

# How to Setup DGS-3100 Bandwidth Control via SNMP

## [MIB file]

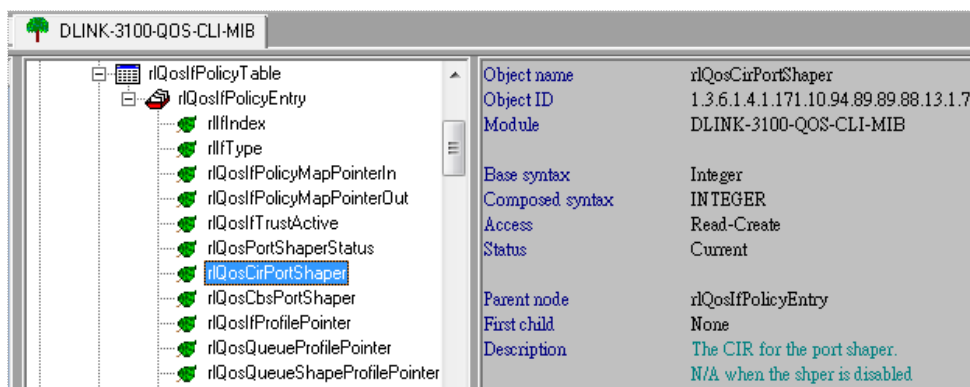
qosclimib.mib

## [OID]

rlQosCirPortShaper (1.3.6.1.4.1.171.10.94.89.89.88.13.1.7) for TX Rate.

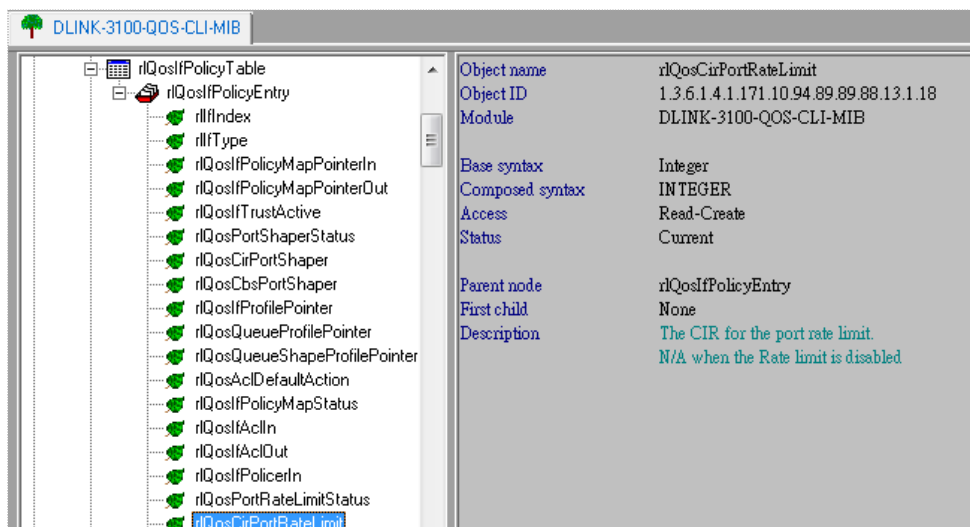
rlQosCirPortRateLimit (1.3.6.1.4.1.171.10.94.89.89.88.13.1.18) for RX Rate.

## [OID Description]



The screenshot shows a MIB browser window titled "DLINK-3100-QOS-CLI-MIB". The left pane displays a tree structure of MIB objects, with "rlQosCirPortShaper" selected and highlighted in blue. The right pane shows the following details:

Object name	rlQosCirPortShaper
Object ID	1.3.6.1.4.1.171.10.94.89.89.88.13.1.7
Module	DLINK-3100-QOS-CLI-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Create
Status	Current
Parent node	rlQosIfPolicyEntry
First child	None
Description	The CIR for the port shaper. N/A when the shper is disabled



The screenshot shows a MIB browser window titled "DLINK-3100-QOS-CLI-MIB". The left pane displays a tree structure of MIB objects, with "rlQosCirPortRateLimit" selected and highlighted in blue. The right pane shows the following details:

Object name	rlQosCirPortRateLimit
Object ID	1.3.6.1.4.1.171.10.94.89.89.88.13.1.18
Module	DLINK-3100-QOS-CLI-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Create
Status	Current
Parent node	rlQosIfPolicyEntry
First child	None
Description	The CIR for the port rate limit. N/A when the Rate limit is disabled

## [CMD]

- CLI:

```
config bandwidth_control 1 rx_rate 4000 tx_rate 1000
```

- SNMP

```
snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.10.94.89.89.88.13.1.18.1.2 i 4000  
1.3.6.1.4.1.171.10.94.89.89.88.13.1.7.1.2 i 1000
```

1 : port 1  
i: integer

## [Packet]



DGS-3100-Bandwidth\_control\_port1.pcap