<How to set SD1000 to Node-Switching Mode>

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☞ Application

This document guides that it sets the SD1000 to Node-Switching mode via the terminal program like a Hyper-terminal program or Tera-term.

1. Setting the Slave Devices

Set the devices used as slaves to Mode3 as below:

AT+BTMODE,3 OK ATZ	#Setting to Mode 3 #Reboot

2. Setting the Master Device

Register the BD address of the Slave devices on Master device as below.
And then the Master device tries to connect to Slave devices automatically when the Master device turns on.

ATS46=000195xxxxxx OK ATS54=000195xxxxxx OK ATS55=000195xxxxxx OK ATS56=000195xxxxxx OK AT+MULTI,2 TASK1 OK TASK2 OK TASK3 OK TASK4 OK AT+BTMODE,1 OK ATZ	#Registering 1st Slave device's address #Registering 2nd Slave device's address #Registering 3rd Slave device's address #Registering 4th Slave device's address #Setting the Multi-Drop mode (1=Multi-Drop mode, 2=Node-Switching mode) #Setting to Mode 1 #Reboot

(Emit the registering the S55 or S56 on the 1:2 or 1:3 Multi connection application.)

3. How to transfer slave devices for communication

ATO1 (Data Communication) +++ ATO2 (Data Communication) +++ ATO3 (Data Communication) +++ ATO4 (Data Communication)	#Connecting to 1st slave device #Transferring to the Command Mode #Connecting to 2nd slave device # Transferring to the Command Mode # Connecting to 3rd slave device # Transferring to the Command Mode #Connecting to 4th slave device