

## SNMP Parameter

Simple Network Management Protocol (SNMP) is application layer protocol, and used to manage communication line. This equipment supported three versions: V1, V2C and V3. In addition to V3 version, the other two versions do not support encryption. However, the service is usually located on the edge of the network devices, security risk, it is best to disable, to be used again.

DAG 2000(24/32FXS) User Manual

### SNMP Parameter

SNMP Enable  Yes  No

SNMP Version

#### Community Configuration

	Community	Source
1st	<input type="text"/>	<input type="text"/>
2nd	<input type="text"/>	<input type="text"/>
3rd	<input type="text"/>	<input type="text"/>

Notice: default value of source is default, if other value, please input IP (eg: 192.168.1.1)

#### Group Configuration

	Group	Community
1st	<input type="text"/>	<input type="text"/>
2nd	<input type="text"/>	<input type="text"/>
3rd	<input type="text"/>	<input type="text"/>

#### View Configuration

	ViewName	ViewType	ViewSubtree	ViewMask
1st	<input type="text" value="all"/>	<input type="text" value="Included"/>	<input type="text" value=".1"/>	<input type="text"/>
2nd	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3rd	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Notice: ViewSubtree style: x.x.x.x.x. If just one, style: x

#### Access Configuration(v1/v2c)

	Group	Read	Write	Notify
1st	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2nd	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3rd	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Notice: Read/Write/Notify value reference to ViewName. If Read/Write/Notify want to have value, please firstly select Group.

#### Trap Configuration

	TrapFlag	TrapIP	TrapPort	TrapCommunity
1st	<input type="text" value="v2c"/>	<input type="text" value="172.16.247.85"/>	<input type="text" value="162"/>	<input type="text" value="public"/>

Notice: 1. The only one is effective between v1 and v2c.  
2. After complete configure, please restart the device to take effect.

Figure 3-9-2(1) SNMP Parameter V1\V2c

Table 3-9-2(1) Description SNMP Parameter V1/V2C

Community Configuration	Community	The name of network management server managed equipment
	Source	Network management server address
Group Configuration	Group	Name of community group, different versions can use a same group name
	Community	Community join the group
View Configuration	View name	The name of description mib tree
	View type	There are Included and excluded options
	View subtree	Displayed OID of access parameters
	View mask	The same with equipment subnet mask. Generally don't configure
Access Configuration(V1, V2c)	Group	Joined community groups
	Read	Read parameters of mib view
	Write	Write parameters of mib view
	Notify	Equipment send notify parameters to NM server
Trap Configuration	Trap Flag	Version of SNMP
	Trap IP	Device to inform the NM server's IP address. The IP can be configured the same with source IP in community, also be different.
	Trap Port	Default service port is 162
	Trap Community	The same with "community" in community configuration

**SNMP Parameter**

SNMP Enable  Yes  No

SNMP Version

**User Configuration**

User AuthType AuthPassword PrivacyType PrivacyPassword

1st

Notice: The length of AuthPassword and PrivacyPassword are more than 8!

**Group Configuration**

Group Community

1th

**View Configuration**

ViewName ViewType ViewSubtree ViewMask

1st

2nd

3rd

Notice: ViewSubtree style:x.x.x.x.x.if just one.style:.x

**Access Configuration(v3)**

Group sec.level Read Write Notify

1th

Notice: Read/Write/Notify value reference to ViewName.If Read/Write/Notify want to have value,please firstly select Group.

**Trap Configuration**

TrapFlag TrapIP TrapPort TrapCommunity

1st

Notice: 1.The only one is effective between v1 and v2c.  
 2.After complete configure,please restart the device to take effect.

Figure 3-9-2(2) SNMP Parameter V3

Table 3-9-2(2) Description SNMP Parameter V3

User Configuration	User	Network management server management device by username
	Auth Type	Supported two auth type: MD5 and SHA
	Auth Password	Authentication password
	Privacy Type	Supported three privacy type: DES, AES and AES128
	Privacy Password	Privacy password
Group Configuration	Group	Users can use the same group name in different versions
	Community	That is user name
View Configuration	View Name	The name of description mib tree
	View Type	There are Included and excluded options
	View Subtree	Displayed OID of access parameters
	View Mask	The same with equipment subnet mask. Generally don't configure
Access Configuration	Group	Fill in group name
	Sec.level	There are two methods: authentication and authpriv. If select "authentication", users will just configure authentication information, but not privacy information
	Read	Read parameters of mib view
	Write	Write parameters of mib view
	Notify	Equipment send notify parameters to NM server
Trap Configuration	Trap Flag	Version of SNMP
	Trap IP	Device to inform the NM server's IP address. The IP can be configured the same with source IP in community, also be different.
	Trap Port	Default service port is 162
	Trap Community	The same with "community" in community configuration

**Note:** After configuration, please restart equipment to take effect.

Users can manage and configure gateway on remote NM server through SNMP configuration. But in order to security, recommend this option to open when needed.