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

		na na				
SNMP Enable	1	Yes © No				
SNMP Version	1	V1 🐷				
Cammunitu	Configuration					
Community	-	mmunity	Sou	irce		
1st	Community			Source		
2nd						
3rd						
Notice:default	value of source is de	fault,if other value,please input i	P!(eg:192.168.1.1)			
Group Confi	_	Comm		aallu		
1ct		Group	Comn	nunity		
st						
2nd				-		
				X		
and and				¥		
3rd	uration					
	uration ViewName	VlewType	ViewSubtree			
3rd		VlewType [Included ▼	ViewSubtree	▼		
3rd View Config				▼		
View Configu		Included		▼		
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View Configurent Street	ubtree style:x.x.x.x. figuration(v1/v2c) Group	Included	.1 Write	ViewMask Notify		
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View Configurent Strategy of S	ubtree style:x.x.x.x. figuration(v1/v2c) Group w write/Notify value refre	Included If just one,stylex Read	Write	ViewMask Notify		

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

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

		I STORY T BEBLICKET V 17 V 2 C
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,	Group	Joined community groups
V2c)	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

SNM	P Enable	Yes			
SNMF	P Version	v3	•		
User	Configuration				
	User	AuthType	AuthPassword	d PrivacyType	e PrivacyPassword
1st	notConfigUser	MD5	•••••	DES	••••••
Notice	e:The length of AuthPas	sword and PrivacyPasswor	rd are more than 8!		
Grou	p Configuration				
		Group		Comr	munity
1th					▼
View	Configuration				
	Configuration ViewName	ViewTy		ViewSubtree	ViewMask
1st	-	ViewTy	.1	ViewSubtree	ViewMask
1st 2nd	ViewName		.1	ViewSubtree	ViewMask
1st 2nd 3rd	ViewName	included	.1	ViewSubtree	ViewMask
1st 2nd 3rd	ViewName	included	.1	ViewSubtree	ViewMask
1st 2nd 3rd Notice	ViewName all e: ViewSubtree style:x.x	included .x.x.x.if just one,style:.x	.1	ViewSubtree	ViewMask
1st 2nd 3rd Notice	ViewName	included .x.x.x.if just one,style:.x	.1	ViewSubtree	ViewMask
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1st 2nd 3rd Notice Acce 1th Notice	ViewName all E: ViewSubtree style:x.x ess Configuration(v3) Group	included	Read	Write	Notify
1st 2nd 3rd Notice Acce 1th Notice	ViewName all e: ViewSubtree style:x.x ess Configuration(v3) Group e:Read/Write/Notify value	included	Read/Write/Notify wa	Write	Notify

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.