

*Advanced*  
*Telecommunications*  
*Solutions*

# SHORT CATALOG



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## ACCESS GATEWAY SERIES

*Network Advanced Functionalities*

## NETWORKING / AGGREGATION



### **AGS10**

Functionality	GE L2 Switch, MLPPP
Switching Capacity	32xE1 MLPPP, 4Gbps switching
Baseband Interfaces	GE (electrical/optical) - E1 - STM-1



### **AGS20**

Functionality	L2/MPLS-TP Aggregation
Switching Capacity	10 Gbps switching
Baseband Interfaces	GE (electrical/optical) - E1 PWE3 - PoE ports

### **AGS30**

Functionality	L2/MPLS-TP Aggregation
Switching Capacity	20 Gbps switching
Baseband Interfaces	1 and 100 GE (electrical/optical) - PoE ports

## ADM and FAM Series

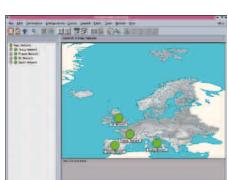
## MULTIPLEXERS



	ADM-1		ADM-4		ADM-16		FAM	
	4RU version	2RU version	4RU version	2RU version	5RU version	2.5RU version		
	STM-1	STM-1	STM1/4	STM4/16				
Aggregate Interfaces	4xSTM1	2xSTM1	4xSTM1/4	4xSTM1/4/16	NxE1			
Cross-Connect capacity	11xSTM1	10xSTM1	Up to 24xSTM1	Up to 80xSTM1	128 Mbps (DSO level)			
Tributary Interfaces	E1	126	63					
	E1/T1			3+8	504			
	E3/T3	12	12	18	24			
	FE	12	12	48	64			
	GE	12	12	6	8			
	STM1	8	8	8	16			
	STM4			1	4			
Voice							FXO, FXS, E&M (2/4W)	
Data							V.35,V.36, X.21, G.703, X.50 Substrating	
Ethernet							10/100 BaseT	
Protection Schemes	MSP, SNCP	MSP, SNCP	MSP, SNCP	MSP, SNCP	MSP, SNCP		Full System redundancy	

## NETWORK MANAGEMENT SYSTEM

## NETWORK MANAGEMENT



	NMSS-UX	NMSS-LX	SCT
Operating System	Unix	Linux	Windows
Hardware Platform	HP-UX Server	PC Server	PC Laptop
Client/Server architecture	Yes	Yes	-
Supported equipment	All equipment in SIAE MICROELETTRONICA catalog		
Protected server configuration	Yes	Yes	-
Geographical system redundancy	Yes	Yes	-
N° of managed NEs per server	20000	5000	100
Max N° of concurrent users	50	10	-

### **IP BOX**

Functionality	Bridge / Router
Router Capacity	Nx 64 Kbps
Bridge Capacity	Nx64 Kbps N= 1...30
WAN Interfaces	RS232, RS422, V11, USB / 2 x channelized E1 (G704)
LAN Interfaces	2xFE



NETWORK PLANNING

SITE ACQUISITION

CIVIL WORKS

INSTALLATION & COMMISSIONING

TRAINING

NETWORK MAINTENACE

AFTER SALES ASSISTANCE



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