

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *SecureLogix 8240* at our website: ***Click HERE***

Model 2100 and 3200 Appliances

The ETM 2100 Appliance contains a power supply, a fan unit, and one hot-swappable board set.

The ETM 3200 Appliance contains two hot-swappable power supplies, a removable fan assembly containing 3 cooling fans, and 1-to-4 hot-swappable board sets.

Each board set includes:

- Controller Card, inserted into the front of the Appliance, which includes a PMC "piggy-backed" onto the Controller Card:
- Digital Trunk Interface, inserted into the back of the Appliance.

Technical Specifications

The following are the technical specifications for the ETM 2100 and 3200 Controller Cards:

8240 Controller Card Technical Specifications	
Processor	
CPU	250 MHz Motorola 8240, or 266 MHz 8245 declocked to 250 MHz
Bus speed	100 MHz Asynchronous Bus
PCI Bus speed/width	33 MHz/32-bit
DSP	10 x 160 MHz (or 200MHz) Texas Instruments TMS320C5510
Memory	
RAM	64 MB with ECC
SRAM (NVRAM)	512K bytes (for configuration parameters).
Interfaces	
Ethernet Data Network Interface:	RJ-45, 10 Mbps or 100Mbps
Console and SMDR/CDR Interfaces	(2) RJ-45 – RS-232C – DCE, Asynchronous up to 115 kbps
Expansion Slots	(2 standard size) PMC daughter-board with front-panel I/O access
Telephony Interface	RJ-48C
Storage	
Compact Flash	64 MB minimum
Environment	
AC Input	100-240 VAC, 50/60 Hz
Input Current (2100)	500mA

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

8240 Controller Card Technical Specifications	
Input Current (3200)	1 board set: 650mA, 2 board sets: 950mA, 3 board sets: 1.250A, 4 board sets: 1.550A
Heat Output (2100)	196.2 BTU/hr typical
Heat Output (3200)	1 board set: 255.1 BTU/hr typical, 2 board sets: 372.8 BTU/hr typical, 3 board sets: 490.5 BTU/hr typical, 4 board sets: 608.2 BTU/hr typical
Fuse (AC)	3A, 250V
Connection (AC)	IEC Connector
DC Input (3200 only)	-36 to -72 VDC
DC Input Current	1 board set: 1.100A, 2 board sets: 1.450A, 3 board sets: 2.100A, 4 board sets: 2.750A
DC Heat Output	1 board set: 180.1 BTU/hr typical, 2 board sets: 237.5 BTU/hr typical, 3 board sets: 344.0 BTU/hr typical, 4 board sets: 450.4 BTU/hr typical
Fuse (DC)	8A, 250V
Connection (DC)	screw lug terminals
Power Supply	Dual redundant hot-swappable
Dimensions (2100)	1.75” H x 17.5” W x 12” D
Dimensions (3200)	3.5” H x 17.5” W x 12” D
Weight (2100)	10 lbs.
Weight (3200 AC)	1 board set: 19 lbs, 2 board sets: 20 lbs, 3 board sets: 21 lbs, 4 board sets: 22 lbs
Weight (3200 DC)	1 board set: 19 lbs, 2 board sets: 20 lbs, 3 board sets: 21 lbs, 4 board sets: 22 lbs
Mounting	Desktop, 19” Rack, or Wall-Mount
Operating Temperature	32 to 104 F (0 to 40 C)
Storage Temperature	-4 to 158 F (-20 C to +70 C)
Fans	3 fans on a removable fan tray (3200)
Telephony Specifications	
Number of Lines	Up to 4 (2100) or 16 (3200) T1, North American ISDN PRI, or European ISDN PRI Circuits
Line Rate	1.544 or 2.048 Mbps
Line Framing	SF (D4), ESF, CRC 4
Line Code	AMI, B8ZS, HDB3
Input Signal	0 to -36 dB
Line Build Out	T1: Short Haul 0-660ft (110 ft increments), T1: Long Haul 0, -7.5, -15, -22.5 dB, E1: 120 Ohm

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

8240 Controller Card Technical Specifications	
Keep Alive	Unframed All Ones (AIS)
Network/CO Activation Alarms	LOS and/or Loss of Frame (Red), RAI (Yellow), AIS (Blue)
Equipment/PBX Activation	LOS and/or Loss of Frame (Red), RAI (Yellow), AIS (Blue)
Reporting	Panel LEDs (Network/CO Red and Yellow, CPE/PBX Red and Yellow), ETM Management Server Diagnostic Messages
Line Supervision Types	Loop Start, Ground Start, Wink Start, Immediate Start, ISDN PRI, R1
Address Signaling Types	DTMF, MF and Pulse Dialing
Signaling Protocols	DID/DNIS, ANI, Caller ID
ISDN Variants	N.A. PRI: NI-2, 4ESS, 5ESS, DMS100 European PRI: NET5, DASS2, DPNSS, QSIG
SS7 Variant	ANSI, ETSI
Other Variants	N.A. PRI: Backup D-Channel and NFAS configurations supported
Line Protection	FCC Part 68 Type A & B (1500V Lightning), Fused Input/Output
VoIP Ethernet Interface	
Connectors	RJ-45
Speed	10 Mbps or 100Mbps
Signaling Protocol	SIP, H.323
Meets or Exceeds the Following Certifications and Approvals	
Telephone Network	FCC Part 68, Industry Canada CS-03, CTR-4, JATE, MIC
EMI/EMC	FCC Part 15, ICES-003, EN55022, EN55024, CISPR 22
Safety	CB Scheme (EN/IEC60950), UL /cUL 60950
Marks and Approvals	FCC Part 15, FCC Part 68, JATE, Industry Canada, CE Mark, UL/cUL, MIC
Other Country Approvals	Turkey

ETM® 2100 and 3200 Appliance Board Sets

Each four-Span, hot-swappable board set includes:

- One Ethernet interface, RJ-45 10/100 Mbps.
- Two serial interfaces: RJ-48 Console and Auxiliary ports.
- Eight line interfaces: 4 RJ-48 CO, 4 RJ-48 PBX.
- Diagnostic LEDs.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP