



## MIP01 I/NET Memory Interface Processor

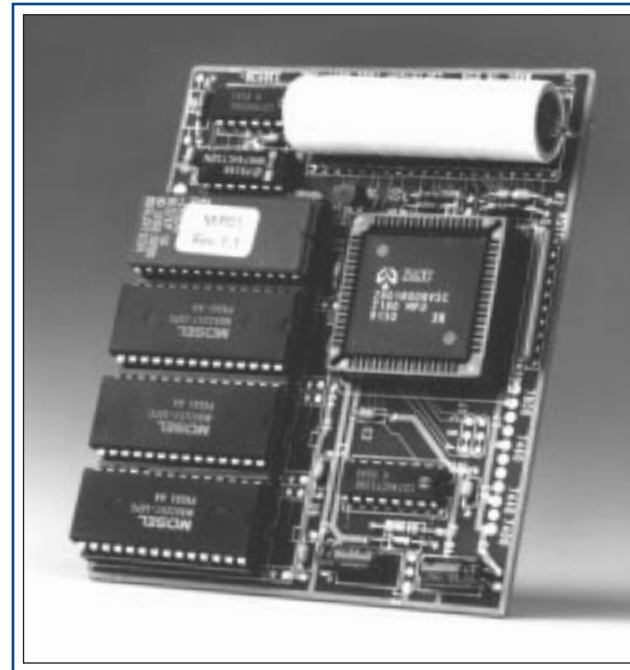
CSI's Memory Interface Processor (MIP) provides a means to upgrade System 7000 controllers and TAPs to I/NET 7700™ functionality. The MIP also supports downloadable binary files (firmware) and increased memory capacity for these upgrades and firmware based I/NET 7700 equipment.

### Features

- Supports all I/NET 7700 operating features.
- Provides increased processor performance.
- Supports 96K of onboard RAM for additional trending and database capacity.
- Allows firmware resident operating programs to be downloaded to the controller/TAP without the need for a technician to visit the job site. This is supported via a direct connect LAN communications path or remotely accessed phone lines.
- Battery backed power for RAM in excess of 30 days.
- Allows support of full 8 phone/pager numbers, with 31 characters each, in auto-dial TAPs.

### Design

The MIP module is a simple plug-in module designed to plug into the existing onboard CPU socket in both CSI controllers and CSI TAPs. The MIP module contains a new microprocessor, expanded RAM memory, onboard battery power and the necessary hardware and firmware required to support downloadable "firmware" to the



devices.

### Specifications

**DIMENSIONS:** 4"L x 3.3W" x 1.2"H (10.16 cm x 8.382 cm x 3.048 cm)

**POWER:** N/A

#### MEMORY:

EPROM: 32KB

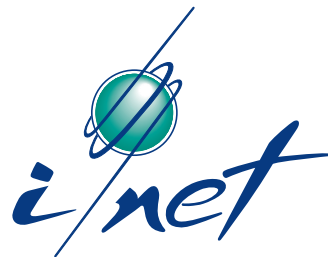
RAM: 96KB

#### BATTERY:

Type: 3.6 volt NiCad

Life: 30 days

**MOUNTING:** Plugs into socket in lieu of microprocessor. Any existing RAM memory chips must also be removed. Stabilizing bracket required if equipment is subject to vibration.



**MIP01 I/NET Memory Interface Processor**

MODEL NUMBER	DESCRIPTION	COMMENTS
<i>MIP</i>	<i>Memory Interface Processor</i>	<i>Available for:</i>
		<i>7700 DCU</i>
		<i>7740 DCU</i>
		<i>7741 DCU</i>
		<i>7760 UCI</i>
		<i>7770 ICI</i>
		<i>7720 (8000 RTU)</i>
		<i>7730 (P4300 DCU)</i>
		<i>78010 Host TAP</i>
		<i>78015 Host/Link TAP (metal enclosure)</i>
		<i>78020 Link/LAN TAP (metal enclosure)</i>
		<i>78035 LAN TAP</i>
		<i>78040 Host/Link TAP (Dial)</i>
		<i>78050 Link TAP (Dial)</i>
		<i>78060 LAN TAP (Dial)</i>
		<i>78041 Host Link TAP (Dial without modem)</i>
		<i>78051 Link TAP (Dial without modem)</i>
		<i>78061 LAN TAP (Dial without modem)</i>
		<i>7810 Printer TAP</i>

**NOTE:** The following products do not support a MIP:

- 7750 Building manager
- 78012 TAP
- 78013 TAP
- 78020 TAP (Plastic Enclosure)
- 78022 TAP
- 78023 TAP
- 78032 TAP
- 78033 TAP
- 78091 TAP
- 78092 TAP
- 78093 TAP

## CSI Group Headquarters

**PAN-AMERICAN MARKET**  
 CSI CONTROL SYSTEMS INTERNATIONAL  
 1625 W. Crosby Rd., Suite 100  
 Carrollton, Texas 75006  
 Phone: 972-323-1111, Fax: 972-242-0026

**EUROPEAN COMMUNITY MARKET**  
 CSI Europe  
 Unit B3, Armstrong Mall - Southwood,  
 FARNBOROUGH GU14 0NR United Kingdom  
 Phone: 44 1252 370900, Fax: 44 1252 372470

**ASIA-PACIFIC MARKET**  
 CSI Pacific  
 36 Hasler Rd.  
 Osborne Park, Western Australia 6017  
 Phone: 61-9-244 2799, Fax: 61-9-244 4335

Information in this publication is based on specifications believed correct at the time of publication. The right is reserved to make changes in specifications and models as design improvements are introduced.

[www.control systems. com](http://www.control systems. com)