

Interface and Expansion Module

Model: IXM5-1

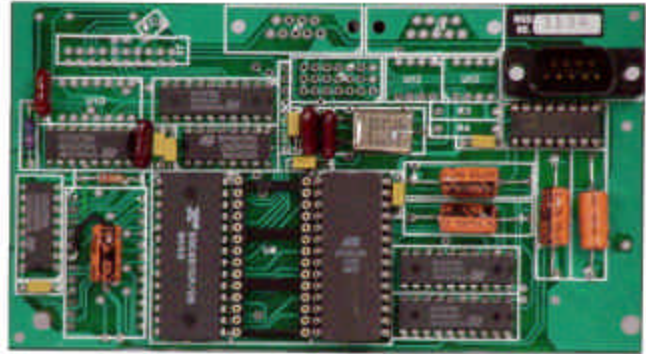
Revised: April 2002

Product Description

The Model IXM5-1 Interface and Expansion Module works in conjunction with the TM5 Series Transmission Module to provide various interface, memory and functional expansion capabilities.

The IXM5-1 provides for interfacing up to ten TM5-10's to a single printer, typically in one of the 10 secured areas. Each of the IXM5-1's are interfaced to one another via three RS485 signal pairs.

The IXM5-1 consists of a circuit board that interfaces to the TM5-10. Specifically, the IXM5-1 interfaces to the TM5-10 via a 20 pin ribbon cable/connector. The TM5-10 processor board (I5) interfaces to the 24 pin male connector via a 24 pin female connector and associated mounting hardware. The IXM5-1 interfaces to other IXM5-1's via DB9 type connectors and appropriate wiring interconnects.



*IXM5-1
Interface and Expansion Module*

Product Features

- ◆ Up to 10 IXM5-1's may be interfaced to a single printer.
- ◆ Can be easily adapted to already existing non-IXM based TM5-10's or may be added to existing IXM5-1 based TM5-10's up to the maximum of 10.
- ◆ RS485/RS-422 electrical interfacing between IXM5-1's.

Product Specifications

Height	=	5.50 inches
Width	=	3.00 inches
Depth	=	9/16 inches
Weight	=	1.8 ounces

Electrical = +5 VDC supplied via interface from TM5-10

Operational Environment = 0 - 50 Degrees Celsius
10 - 90% R.H. (*non-condensing*)

Standby Capability = 12-24 Hours, dependent on TM5/CU5 configuration and loading.

Interface and Expansion Module

Model: IXM5-2

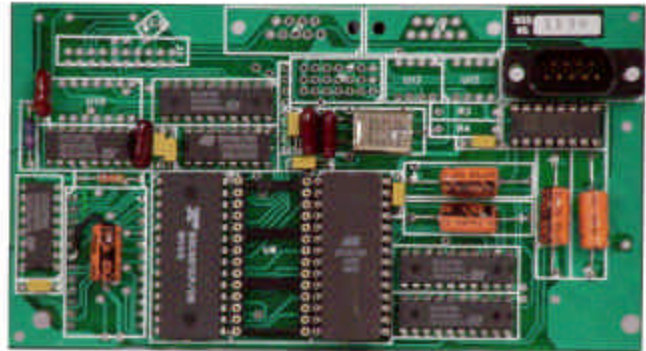
Revised: June 1999

Product Description

The Model IXM5-2 Interface and Expansion Module works in conjunction with the TM5 Series Transmission Module to provide various interface, memory and functional expansion capabilities.

The IXM5-2 provides for the buffering and storage of up to 4000 events collected by the TM5-10. These stored events may subsequently be printed via a printer that may be permanently or temporarily configured when a printed report is necessary.

The IXM5-2 consists of a circuit board that interfaces to the TM5-10. Specifically, the IXM5-2 interfaces to the TM5-10 via a 24 pin male connector mounted on the circuit board. The TM5-10 processor board (SDS I5) interfaces to the 24 pin male connector via a 24 pin female connector and associated mounting hardware. The IXM5-2 requires no external interfacing since its printer interface is via a DB9 connector on the accompanying TM5-10 I5 board.



IXM5-2
Interface and Expansion Module

Product Features

- ◆ 4000 event buffering/storage capability, expandable to 8000 events.
- ◆ No external interfacing to the IXM5-2.
- ◆ Battery backup of all 4000/8000 events for up to 24 hours in the event of the loss of primary AC power.

Product Specifications

Height = 5.50 inches
Width = 3.00 inches
Depth = 9/16 inches
Weight = 1.8 ounces

Electrical = +5 VDC supplied via interface from TM5-10

Operational Environment = 0 - 50 Degrees Celsius
10 - 90% R.H. (*non-condensing*)

Standby Capability = 12-24 Hours, dependent on TM5/CU5 configuration and loading.

Interface and Expansion Module

Model: IXM5-3

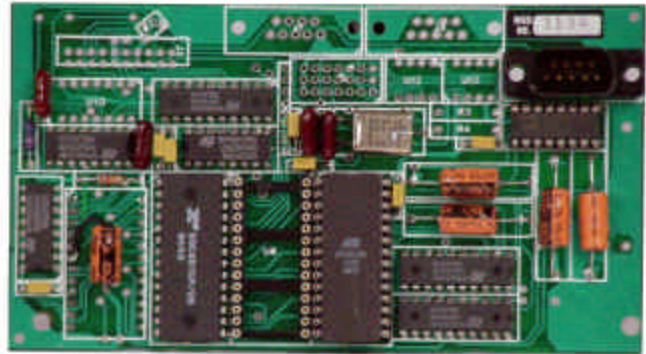
Revised: April 2002

Product Description

The Model IXM5-3 Interface and Expansion Module works in conjunction with the TM5 Series Transmission Module to provide various interface, memory and functional expansion capabilities.

The IXM5-3 provides for the buffering and storage of up to 4000 events collected by the TM5-10. These stored events may subsequently be printed via a printer that may be permanently or temporarily configured when a printed report is necessary.

The IXM5-3 consists of a circuit board that interfaces to the TM5-10. Specifically, the IXM5-3 interfaces to the TM5-10 via a 24 point male connector mounted on the circuit board. The TM5-10 processor board (I5) interfaces to the 24 pin male connector via a 24 pin female connector and associated mounting hardware. The IXM5-3 interfaces to the access control sub-system via a DB9 connector in the ICM5-3.



IXM5-3
Interface and Expansion Module

Product Features

- ◆ 4000 event buffering/storage capability.
- ◆ External interfacing to access control sub-system via RS485, RS-422 and RS-232, all jumper selectable on the IXM5-3.

Product Specifications

Height = 5.50 inches
Width = 3.00 inches
Depth = 9/16 inches
Weight = 1.8 ounces

Electrical = +5 VDC supplied via interface from TM5-10

Operational Environment = 0 - 50 Degrees Celsius
10 - 90% R.H. (*non-condensing*)

Standby Capability = 12-24 Hours, dependent on TM5/CU5 configuration and loading.