



Microcomputer Peripherals

imm8-90 Intellec[®] 8 High Speed Paper Tape Reader

The imm8-90 high speed paper tape reader provides all Intellec 8 Microcomputer Development Systems with a high speed paper tape input that is over twenty times faster than the standard ASR-33 teletype reader. This translates into a significantly faster development cycle due to a marked reduction in the time required for repetitive program loading, assembly, and editing operations.

The Intellec 8 monitor software provides two key capabilities which significantly enhance the systems performance of the imm8-90. A general purpose paper tape

reader driver is included in the Intellec 8 Monitor. It enables all systems software to utilize the high speed reader features and is callable by user written application programs. The monitor also provides dynamic I/O reconfiguration permitting instantaneous reassignment of physical devices to logical devices.

All reader/Intellec 8 interface cables are included with the imm8-90. A fanfold tape guide (and associated installation instructions) is included to provide fanfold punch capability for the ASR-33 teletype.

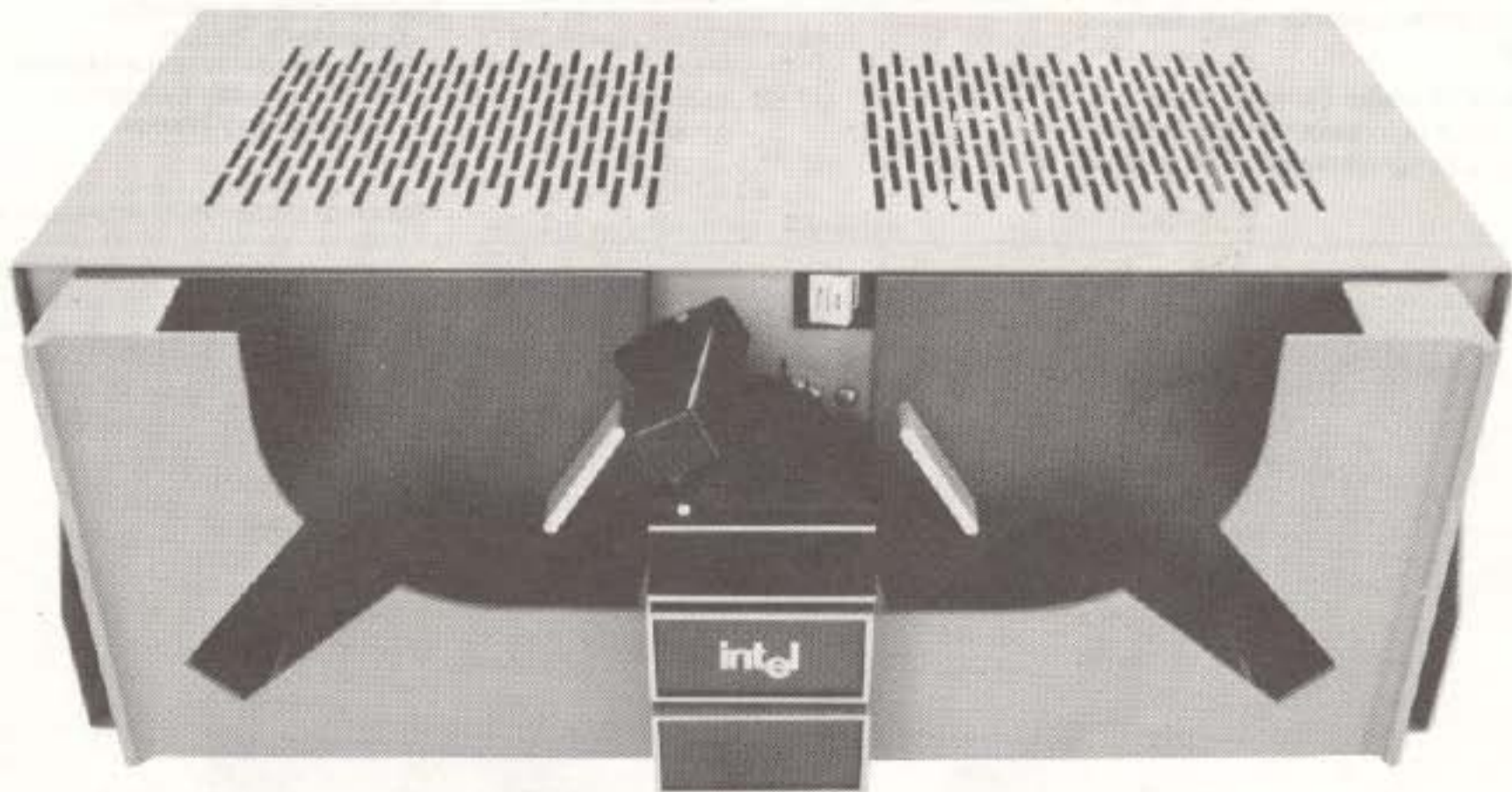
Directly compatible with all Intellec[®] 8 Microcomputer Development Systems

20 times faster than standard ASR-33 teletype reader

Loads any 8K Intellec[®] 8 program memory in less than 90 seconds

Data transfer at asynchronous rates in excess of 200 characters per second

Rack mountable or stand-alone



SPECIFICATIONS

TAPE MOVEMENT

Tape Reading Speed:
0 to 200 characters per second
asynchronous

Tape Stopping:
Stops "On Character"

TAPE CHARACTERISTICS

Tapes must be prepared to ANSI X 3.18 or EMCA 10 Standards for base materials and perforations.

Reads tape of any material with thickness between 0.0027" and 0.0045" with transmissivity less than or equal to 57% (oiled buff paper tape).

Tape loading: in line
Tape width: 1 inch

PHYSICAL CHARACTERISTICS

Height 7.75 in. (19.69 cm)
Width 19.25 in. (48.90 cm)
Depth 11.62 in. (29.52 cm)
Weight 13 lbs. (5.9 kg.)

ELECTRICAL CHARACTERISTICS

AC Power Requirement:
3 wire input with center conductor (earth ground) tied to chassis. 100, 115, or 127 VAC, single phase at 3.0 amps or 220 or 240 VAC and 1.5 amps; 47 to 63 Hz.

ENVIRONMENTAL CHARACTERISTICS

Temperature
Operating: 0 to 55°C (free air)
Non-operating: -55°C to +85°C

Humidity

Operating: Up to 90% relative humidity without condensation
Storage: All conditions without condensation of water or frost

EQUIPMENT SUPPLIED

Paper Tape Reader
Reader Cable
Reader Flat Cable
Fanfold Tape Guide
Fanfold Paper Tape
Hardware Manual
Installation and Operations Guide
Fanfold Guide Installation Instructions

NOTE: Version 2 software must be used when operating with Intellec[®] 8/Mod 8 Microcomputer Development System.

ORDERING INFORMATION	Part Number	Description
	imm8-90	High Speed Paper Tape Reader