S-C 4360 DATA RECORDER

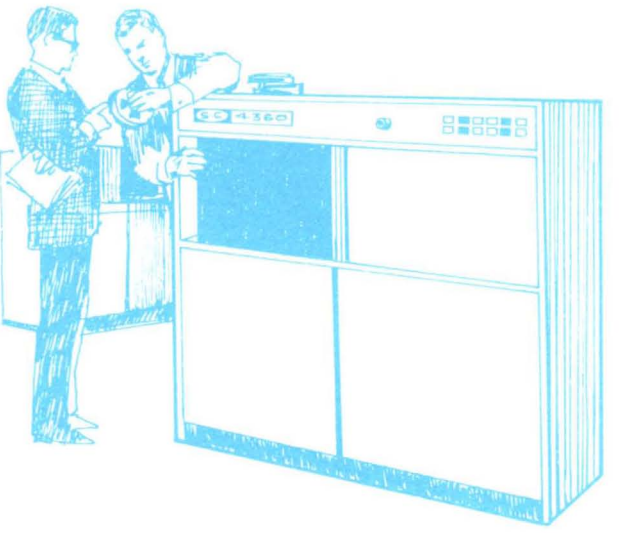
For businesses requiring fast, economical access to a medium size data base

For any business with a small to medium scale EDP center which may process data, update files, or produce files of computer documents for microfilm inquiries at up to daily updating intervals.

The S-C 4360 can handle large peak loads by being able to print computer documents at about five times the speed of a computer line printer. The S-C 4360 translates computer data at the rate of 20,000 pages per eight hour shift.

It produces 16mm roll film compatible with modern microfilm systems. It can simultaneously code pages with image count retrieval marks.

Major options include a microfiche camera for producing 4″ × 6″ or tab card size microfiche at the rate of 1 to 2 per minute, a line printer simulator for recording computer line printer tapes without reformatting, and a hard copy printer for producing hardcopy pages from microfilm.



S-C 4360 CHARACTERISTICS

Compatible with: IBM 2401-Mod. 1 Tape Units.

Operation: Accepts input from computers or tape, generates alphanumeric characters in a page format, projects a business form, and makes microfilm.

Speed: Up to 30,000 characters per second; 2 pages of text per second.

Input Format: Accepts 7 or 9 track NRZI BCD recorded tapes formatted for the S-C 4360 Data Recorder or (optionally) for the IBM 1401 computer and 1403 printer.

Input Density: 800 or 556 bytes per inch.

Character Generator: 5" Apsel® CHARACTRON® Shaped Beam tube.

Character Sets: Standard BCD, System 360 BCD, BCDIC or extended EBCDIC. Both scientific and commercial versions of all four sets are available. Changing from one set to another is accomplished by an operator plug-in patchboard.

Print Format: 132 characters per line, 64 lines per page, 10 characters per inch, 6 lines per inch. Effective reduction ratios to microfilm 21:1, 24:1, 28:1.

Output: 16mm non-perforated microfilm — 105 × 148.75 microfiche or 3¼" × 7⅜" microfiche (optional).

Standard Features:
Re-read tape errors
Longitudinal and lateral parity checking circuitry
Standard forms projector
Built-in viewer
Rotatable Film Image
Quick change reduction ratios (film image sizes)
Variable film advance in .588mm steps
Designed for UL fire and safety approval
Image count mark film retrieval coding
Frame counter

Logic: Integrated circuits, functional boards.

Circuitry: All solid state.

16mm Camera: 100 ft. daylight-loading film rolls, film advance time of 400 to 300 ms., variable film advance of 9.4 to 17.6mm, image count retrieval coding, quick change lenses, film out, film footage and film motion indicators.

Options:
Microfiche camera capable of producing continuous roll 105 × 148.75mm (4" × 6") or 3¼" × 7⅜" microfiche to COSATI or NMA formats at a rate of 1 to 2 fiche per minute with sixty or more images per fiche, a title and a cutmark. Titling is placed on the microfiche by computer data.
Cyclic Redundancy Check Correction for 9 track tapes. This feature corrects multiple single-track tape reading errors.
Line Printer Simulator which allows tapes formatted for many computer line printers to be recorded on the S-C 4360 without reformatting the tape.

Operating Temperature: 60°F to 90°F

Weight: 700 pounds

Relative Humidity: 40% to 70%

Power: Includes power for the S-C 4360 Data Recorder and one tape unit — 208V (phase-to-phase) ±10%, 3 phase, 5 wire WYE connected, 60 cycles per second, 1 KW for the data recorder, 1.5 KW for the tape unit, 2.5 KW total.

Dimensions: 66" high, 68" wide, 26" deep

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