The Carterfone 7276 is an attractive, inexpensive control unit/display station designed specifically for IBM 3270 network locations which do not require clustered display systems. The 7276 communicates with IBM host systems via multipoint binary synchronous (BSC) protocol over non-switched communication facilities at speeds up to 9600 BPS.

Featuring a compact rugged enclosure, the 7276 contains a powerful microprocessor based control unit with an integrated display screen, functionally compatible with the IBM 3276. For print flexibility, the 7276 supports both dot matrix and daisy wheel printers.

The 7276 provides the operator with a non-glare, high resolution display screen with a high contrast ratio between characters and background. In addition, all the standard 3270 screen attributes are supported including display, display intensified, alphanemic, numeric, protected and unprotected fields. The display supports a screen capacity of 1920 characters as well as a separate status line for operator information.

For operator convenience, the 7276 is available with detached keyboards in two versions, typewriter or data entry; both versions have 24 program function keys as a standard. For ease of operation the keyboard is designed with sculptured, dished keys similar to a selectric typewriter. The keyboard is functionally compatible with the IBM 3278, but key arrangement of editing and cursor control keys is modified to enhance operational usage.

To meet a variety of print applications the 7276 supports a wide range of printers. These printers may be separately addressed by the host system or the operator may initiate a local print operation and transfer the contents of the display screen to the printer. Printers available for attachment to the 7276 include the Carterfone 5082, 120 cps, 80-column dot matrix; 5083, 120 cps, 132-column dot matrix; and the 5630, 35 cps daisy wheel printer.
**SPECIFICATIONS**

### Display Screen
- **Screen Size**: 12 inch diagonal
- **Phosphor**: P4 (white) standard
- **Refresh Rate**: 60 Hz standard
  - 50 Hz standard
- **Screen Format**:
  - 24 lines by 80 characters
  - 25th status line
  - 7 x 9 dot matrix with
    - 2 dot decenders
- **Character Set**: 94 EBCDIC displayable
- **Cursor**: Non-destructive blinking
  - Underline

### Keyboards
- **Features**:
  - Data entry, typewriter
  - Detached
  - Sculptured keys
  - Roll over
  - Typamatic
  - Audible alarm
- **Cursor Control**:
  - Up, down, left, right
- **Keys**:
  - Home, new line, double speed
- **Editing Keys**:
  - Insert, delete, tab, back tab,
    - Erase all/end of field/screen
- **Program Function Keys**: 24

### Communications
- **Speed**: 2400, 4800, 9600 BPS
- **EIA**:
  - RS 232C
- **Protocol**:
  - Multipoint tributary, binary synchronous (BSC)
- **Communication Facilities**:
  - Non-switched
  - Half duplex or duplex (2 or 4 wire)
  - Distortion Tolerances:
    - Transmit: ± 2%
    - Receive: ± 45%

### Physical
- **Dimensions**:
  - Monitor: 14.5" H x 18" W x 14.25" D
  - Keyboard: 3.5" H x 18" W x 8" D
  - Combined: 14.5" H x 18" W x 20.25" D
  - Weight: 35 lbs (15.9 Kg)

### Environment
- **Operating**
  - Temperature: −10°C — 40°C
    - 50°C — 104°F
  - Humidity: 10% — 90% RH
  - Altitude: 0 — 7800 FT above sea level
- **Storage**
  - Temperature: −40°C — 66°C
    - −40°C — 151°F
  - Humidity: 0% — 95% RH
  - Altitude: 0 — 30,000 FT above sea level

### Power
- **Requirements**:
  - 90 — 128 V RMS
  - 180 — 250 V RMS
  - 47 Hz Switch selectable
- **Consumption**: 150 Watts maximum

### Printers
- A variety of printers are available for use with 7276 control unit display station.