

# DATASTATION 3600



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The Datastation 3600 is a low-cost video terminal intended for use with the DATASHARE multi-terminal timesharing system. In this application the 3600 communicates with a Datapoint 2200 or 5500 via the Multiple Port Communications Interface.

Screen capacity is 1920 characters formatted as 80 characters per line, by 24 lines. A full upper and lower case character set compatible with all the Datapoint processors is standard.

This terminal transmits and receives serial data in an interactive full-duplex mode to and from the Multiple port Communications Interface via direct connection or over telephone lines using Data Sets. The serial data is transmitted in ASCII format normally at 1200 baud.

The Auto-Tab feature of the 3600 extends flexibility by providing direct cursor positioning to any screen location from the DATASHARE program controlling the 3600 port.

A local printer may be connected to the 3600 such that data received by the 3600 may be selectively routed to the printer in addition to being displayed on the screen.

## Functional Characteristics

### Keyboard:

Full upper and lower case ASCII  
Keyboard plus control keys featuring all-key rollover and 11 key numeric pad

### Screen Size:

5 in. X 7.9 in. (12.7 cm. X 20 cm)

### Character Size:

.146 in. X .071 in. (3.7 mm X 1.8 mm)

### Characters Per Line:

80

### Refresh Rate:

50/60 cps (power line frequency)

### Deflection Method:

Raster Scan

### Cursor:

Flashing, on/off under program control  
positionable by program control

### Code Type:

Serial ASCII Start-Stop

### Data Rate:

1200 baud factory-set field selectable for  
110, 150, 220, 300, 440, 600, 2400, 4800,  
9600 baud

Receive & transmit speeds are independent

### Electrical Interface:

RS 232B (Data Set compatible in both  
socket and signal)

### Cursor Controls:

Home up  
Back Space  
Line Feed  
Carriage Return  
Turn off Cursor  
Turn on Cursor  
Direct Cursor Position

### Other Control Functions:

Roll up  
Bell Ring  
Erase screen to end of line  
Erase screen to end of frame  
Printer control

## Physical Characteristics

### Equipment Dimensions:

Width: 18 in. (45.7 cm)  
Length: 19 in. (48.3 cm)  
Height: 12 in. (30.5 cm)  
Weight: 30 lbs. 16.5 kg)

### Power Requirements:

115 VAC, 50 or 60 Hz  
(230 VAC, 50 or 60 Hz optional)

### Environment:

32 to 122 degrees F  
(0 to 50 degrees C)  
10 to 95% relative humidity, non-condensing

## Model Codes

3601 Datapoint 3600 Datastation  
DATASHARE compatible  
3111 230 VAC, 50 or 60 Hz Power Option