

Esprit
Systems, Inc.

The ESP 6515

Large 14", high resolution, enhanced contrast non-glare screen that reduces eyestrain

Small footprint saves valuable desk space

Tilt and swivel display reduces operator neck fatigue

36 user programmable key functions with non-volatile memory backup for simple "one-stroke" operation

Sculptured, low-profile keyboard with improved layout and dual height positioning for error free typing

Two Terminals In One

The ESP 6515 is our newest member of the DEC family. Really two terminals in one, it is a emulation of the DEC™ VT 220, while being fully compatible with DEC VT 100 application software. With a single key stroke, either of the two menu selectable set-ups may be recalled, allowing a single user concurrent communication with independent remote and local host computers.

Not only is the ESP 6515 a VT 220 emulator, but we have added a number of enhancements such as 14" display, tilt/swivel, improved keyboard ergonomics, full support of the VT 100 graphics/national character sets, non-volatile function key and multiple pages of memory especially for OEM'S at a very attractive price. Careful attention has been given to the software and hardware design to position this terminal far above other DEC look alike.

PRODUCT SPECIFICATION

Compatibility

Will replace DEC® VT52, VT100, VT101, VT102 & VT220

Ergonomic

Tilt, Swivel
Detached low-profile (DIN) keyboard
High contrast green phosphor
Smooth Scroll-three rates

Display

High resolution 14" CRT standard
24 x 80 or 132 column format plus
25th status line
VT200 Mode: 95 character ASCII
plus 81 multinational characters
and 31 special graphics including 15
line-drawing graphics
VT100 Mode: 95 character ASCII or
National set plus 80 multinational
characters and 30 line-drawing and
bar chart graphics which offers full
multinational and block graphics
support in 7-bit environments for
improved VT100 application
support
80 column - 7 x 11 matrix with 2
lower case
descenders in a
9 x 12 window
132 column - 5 x 11 matrix with 2
lower case
descenders in a
7 x 12 window
Attributes - high/low intensity, blink,
reverse video, and underline, at
every display position
Programmable, double width
character line or double
width/height character line
Cursor, selectable as block or
underline, steady, blink or none
Screen saver (operator selectable)

Monitor Performance

Green phosphor - 14" (356mm)
diagonal $\pm 1\%$ geometry
19.2 KHz horizontal frequency
50/60 Hz non-interlaced refresh

Keyboard

Sculptured low profile to European
standards
36 programmable User Key
functions, non-volatile
Cursor cluster includes 6 special
purpose keys
Typewriter cluster includes ESC,
LINE FEED, and RETURN keys
positioned for ease of operation
Numeric cluster including PF1-PF4,
minus, comma, period and enter
Compose key allows user to define
unique characters
Operator selectable - audible keyclick,
Shift Lock OR, Caps Lock,
typewriter OR data processing
layouts, and National Character
Sets
Local print

Communication Interface

RS232C full duplex with selectable
local echo
X ON/X OFF protocol, operator
selectable
Full duplex compatible with WE
modem # 103A, 212A
Baud rate — selectable 75, 110, 150,
300, 600, 1200, 2400, 4800, 9600,
19,200 or 38.4K
Independent Transmit and Receive
speeds
Parity — selectable odd, even, 1, 0 or
none
Word length 7 or 8 bits

Auxiliary Interface

RS232C compatible, X ON/X OFF
or Ready/Busy protocol
Remote control — on line without
display, auto print, line print, page
print
Baud rate — selectable 75, 110, 150,
300, 600, 1200, 2400, 4800, 9600,
19,200 or 38.4K

System Oriented Features

ANSI Standard X 3.64
Full DEC VT220 editing commands

Programmable terminal IDs
Dual set up menu retained
Remote selection of compatibility
level
Horizontal "split screen"
X ON/X OFF protocol
National character sets
Self diagnostics
Terminal status inquiry
Numeric pad and cursor cluster
alternate as function pads

Physical Characteristics

Mechanical Dimensions

Console

Height — 13.8 in. (350mm)

Width — 13.6 in. (346mm)

Depth — 13 in. (330mm)

Detached Keyboard

Height — 1.7 in.

Width — 20.8 in. (528mm)

Depth — 7.2 in. (183mm)

Weight — 25 lbs. (11.3 kg)

Electrical

Power consumption — 40 watts

Power input, switch selectable —
115/230V $\pm 15\%$ = 50/60 Hz

Environmental

Temperature — 10° C to 40° C

Humidity — up to 90% RH
non-condensing

Shock — 50g in 3 axis (in container)

Options

Amber display
20ma current loop main port
RS 422 main port
National character sets
ESP 9300 multi-function workstation
Multiple display pages

Specification subject to change
without notice.

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Esprit Systems, Inc.

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