



Customer Service

- ▶ Overview
- ▶ Ask Wyse Knowledge Base
- ▶ Downloads
- ▶ Product Service
- ▶ Product Registration
- ▶ Documentation Index

Home > Customer Service > Knowledge Base (Wyse Terminals Specifications)

Technical Support - Knowledge Base

Wyse Terminals Specifications

| | |
|-------------|-----------------|
| Home | Products |
|-------------|-----------------|

WY-35 Specifications



WY-35 and WY-35ES Display Terminal (obs.)
 The WY-35 and WY-35ES are the most affordable Wyse terminals ever, yet they deliver an impressive level of functionality in a small footprint. The WY-35 and WY-35ES come standard with a "short" 83-key keyboard and is a perfect upgrade for the WY-30+.
EXCITING FEATURES AND ERGONOMICS
 The WY-35 and WY 35ES offer an exciting selection of ASCII emulations, including Wyse, Televideo and ADDS. The native WY-35 mode is backward compatible with the WY-30+ and adds advanced functions such as a multiple page option and a 132 column display format with choice of two font sizes: 10x13 or

10x16. Overscan video with extra-fast 80 Hz refresh rate, three phosphor choices (green, white and amber) and a vertical screen adjustment via the keyboard are other new ergonomic features upgraded from the WY-30+. Furthermore, a built-in "Rest Timer" reminds users to do what its name suggests. The streamlined and stylish housing offers front-mounted brightness, contrast and power controls, a standard tilt and swivel base, plus a firmware access door for easy feature upgrades. The WY-35 and WY-35ES comply with the EPA Energy Star and consume less than 30 watts of power, even in active modes! What remains unchanged is the high quality mechanical- switch keyboard with the superb Wyse - touch and feel- that has become a hands- down favorite in the industry.
LOW EMISSIONS The WY-35ES is the terminal of choice for low emissions. It conforms to guidelines for electrostatic, very low, and extremely low frequency electromagnetic emissions recommended in the Swedish MPR 1990:10 publication (MPR II).
SIMPLY THE BEST The WY-35 and WY-35ES are ideal cost- effective terminals for those who refuse to compromise on quality, functionality, or style. Always expect the best from Wyse. That's why Wyse is the world's leading supplier of general purpose terminals.

DETAILED SPECIFICATIONS

- *Technology*

CPU:
 14.746 MHz 8032 microcontroller

MEMORY:

M5N256P Character RAM, M5N256P Attribute RAM,
27512/27010 EPROM

VIDEO:

Up to 6 pages of video display

VIDEO PROCESSOR:

Wyse proprietary Gate Array

- *Power*

INPUT:

Auto-sensing from 90 to 264 VAC, 47 to 63 Hz

INRUSH:

not given

CONSUMPTION:

45 Watts

FUSE:

2A, 250 V, slow-blow

- *Display Features*

MONITOR SIZE:

14-in diagonal, flat, non-glare CRT

COLORS:

Green (P-31), Amber (P-134) and Paper-white (P-192)
phosphors (ES model only available in paper-white)

VIDEO:

Overscan, borderless, full-screen image, 9.65 in
x 7.25 in (245 mm x 184 mm)

REFRESH RATE:

70-80 Hz flicker-free, non-interlaced

USER SELECTABLE DISPLAYS:

Positive (black characters on light background)

Negative (light characters on black)

CONTROLS:

Front-mount sliding-bar controls for brightness,
contrast and power on/off

ADJUSTMENTS:

Standard tilt and swivel base

ADDITIONAL FEATURES:

Rest timer, vertical screen position adjustment
in setup

- *AlphaNumeric Features*

PERSONALITIES:

ASCII: Wyse WY-35 (backward compatible with WY-30+),

Teletext TVI-905/91() t/925, ADDS Viewpoint A2

CHARACTER:

26 by 80/132 columns; non-hidden attributes,
variable-speed smooth scroll; horizontal split screen

26 lines: 10x13 or 10x15 in 80 columns

9x13 or 9x15 in 132 columns

FONTS:

Simul. display 128 unique characters and symbols

VIDEO ATTRIBUTES:

Dim, blink, blank, underline reverse and protect,
and combinations

INTENSITIES:

Normal, dim, blank (invisible)

CURSORS:

Block or underline; blink, steady or off

- *Keyboard*

DESIGN:

Full travel mechanical key-switches, low profile with two position tilt, detached with 4-foot coiled cable

LAYOUTS:

83 keys, fully programmable cursor and editing keys

FUNCTION KEYS:

4 dedicated function keys shiftable to 16, 25 additional keys for a total of 41 programmable keys

LANGUAGES:

US/UK English, Danish, German, Italian, Norwegian, French/Canadian, French/Belgian, Spanish, Swedish, Swiss German/French

OPTIONS:

Localization kits

- *Physical Characteristics*

TERMINAL:

Height: 13.2 in (335 mm) with tilt and swivel base

Width: 12.7 in (323 mm)

Depth: 12.3 in (312 mm)

FOOTPRINT:

Less than 7.5 in x 7.5 in (190 mm x 190 mm)

KEYBOARD:

Height: 2.3 in (57 mm)

Width: 16.4 in (417 mm)

Depth: 5.5 in (140 mm)

SHIPPING WEIGHT:

Terminal and Keyboard: 23 lbs (10.4 kg)

- *Environmental*

OPERATING RANGE:

50° to 104°F (10° to 40°C)

NON-OPERATING RANGE:

14° to 140°F (-10° to 60°C)

HUMIDITY:

20% to 80% non-condensing

ALTITUDE OPERATING RANGE:

0 to 10,000 feet (0 to 3,048 meters)

- *Video Electrical*

VIDEO SIGNAL

Signal TTL

Dot Frequency 49.4235 MHz

CENTERING:

Horizontal 4.0 mm (0.156 in) maximum

Vertical 4.0 mm (0.156 in) maximum

PINCUSHION:

2.5 mm (0.097 in) maximum

TILT:

1.40 mm (0.054 in)

BRIGHTNESS (maximum)

White 45 fL (+7 -3)

Green 70 fL (+7 -3)

Amber 32 fL (+7 -3)

Raster 1 fL ±0.5 fL

LINEARITY:

Horizontal 10%
Vertical 10%
WAVE AND JITTER:
± 1 pixel

- *Regulatory*

SAFETY:
UL 1950 listed
CSA 950 certified
TUV-GS approved (including VDE 0806) approved
IEC 950 and EN60950 approved
DHHS 21 CFR Subchapter J X-radiation
EMI:

FCC CFR Part 15, Class A
VDE 0871 Level B Radio Protection Mark (ES)
EN55022 (CISPR 22) Class A (ES)

LOW EMISSIONS:
Meets the Swedish MPR 1990:10 (SWEDAC) guidelines for electrostatic, very low, and extremely low frequency magnetic and electric field (ES version only).

ERGONOMICS:
Complies with German Standards ZH1/618 and ISO 9241-3
EPA Energy Star compliant (The Energy Star emblem does not represent EPA endorsement of any product or service)

- *Models/Part Numbers*

MODEL NUMBERS:
WY-35, green 901537-01 (obs.)
WY-35, white 901537-04 (obs.)
WY-35, amber 901537-07 (obs.)
WY-35ES, white 901537-06 (obs.)
(Suggested replacement -> WY-55)

WARRANTY:
One year limited warranty

- *Communications/Ports*

MODES:
Full/halfduplex block, half duplex block,
monitor, local

MODEM/AUX PORTS:
Asynchronous EIA RS-232 serial, female DB-25
connector, up to 115.2 Kbaud