PKD8173

17.3" portable dumb terminal with a 1920 x 1080 Full HD LED backlight LCD panel, 108-key keyboard with touchpad, VGA + DVI input, and AC power input.



- 17.3" Full HD ruggedized portable display
- Supports 1920 x 1080 resolution
- Front OSD (on-screen display) control function
- IP65 rated 108-key keyboard and keypad
- VGA + DVI video input
- Option for BNC or Audio-Input
- AR protective glass and corner rubber protector
- Compliance to MIL-STD-810F & MIL-STD-461E
- 100~260V AC power input

Description

The PKD8173 is a 17.3" ruggedized portable display supporting 1920 x 1080 Full HD resolution, an IP65-rated keyboard and keypad, AR protective glass, and VGA + DVI connectors. The PKD8173 features a full aluminum enclosure with a hard-anodized coating and shock-absorbing corner bumpers for impact protection. Designed for mission-critical applications and harsh environments, this rugged computer is compliant with MIL-STD-810GF testing procedures. The PKD8173 is ideal for a wide range of applications including military, field operations, field data acquisition, and factory automation.

Technical Specifications

SPECIFICATION	VALUE
Construction	Full aluminum with hard-anodized coating Corner bumper for impact proof protection
LCD Panel	Size: 17.3 inch Max. Resolution: 1920 x 1080 @ 60Hz Brightness (cd/m²): 300, option for 1000-nits high brightness Contrast Ratio (typ.): 600:1 Colors: 16.7M Viewing Angle: -85~85 (H); -85~ 85 (V) Active Area (mm): 381.888(H) x 214.812(V) Pixel Pitch (mm): 0.1989(H) x 0.1989(V) Backlight Type: LED

Specifications subject to change without notice.

	MTBF (hrs): 50,000
LCD Protection	AR tempered glass
Touch Screen (Option)	Option for Resistive touch screen (AR glass will be removed) Projected Capacitive touch screen is available upon request * Dimensions are subject to change if the Projected Capacitive option is selected
Keyboard and Touchpad	108-key keyboard and touchpad (USB) IP65 rated keyboard & keypad
Video Input	VGA + DVI video input Option for BNC or Audio input
Plug & Play	VESA DDC 1/2B
Front OSD Buttons	OSD membrane switch
Connectors	1 x VGA D-Sub 15-pin 1 x DVI 1 x BNC (Optional) 1 x Audio In (Optional) 1 x AC power input 1 x USB for keyboard 1 x PWN ON/OFF
Power Supply	Input: 100~ 260V @ 47Hz to 63Hz Power Management: VESA DPMS Compliant Power Consumption: 32W (typ.)
Weight	26.46 lb / 12 kg (estimated)
Dimension	17.36”(W) x 18.55“(D) x 2.32”(H)
Environmental	Operating Temperature: 0°C to 60°C Storage Temperature: -30°C to 70°C Humidity: 5~95%, non-condensing Shock: MIL-STD-810F Method 516.6 Procedure I Compliant Vibration: MIL-STD-810F Method 514.5 / Procedure I Compliant

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