CARESCAPE Monitor B850 Displays

Customizable, flexible options for clear viewing of patient data

Engineered to help you provide better care, the CARESCAPE™ Monitor B850 has two flexible choices in displays, 15-inch non-touch screen and 19-inch touch screen. Both choices have wide viewing angles so you can easily read critical data at the point of care.

imagination at work

Features

- Integrated USB ports allow for a keyboard, mouse, barcode readers, and USB remote control to be attached at the display, helping to reduce cable clutter

- Integrated power supply gives it a low profile, helping to reduce equipment clutter

- Operable with a gloved hand or other soft sterile stylus device, helping to promote effective infection control with an easy-to-clean medical grade design

- Built-in speakers provide audible alarms, allowing the CPU to be hidden or located in cabinetry, improving ergonomics of the bedside

- Integrated Trim Knob® control and hard keys on the front panel for ease of use

- Non-touch version of display includes additional 11 hard keys for one-touch activation of key features

- Integrated alarm light on top of the display visually alerts caregivers to active alarm episodes, with color and flash frequency based on IEC standards

- Visual status light indicates when alarms have been paused – a safety feature that helps enhance clinical vigilance

Technical specifications

Display characteristics

Colors	16 million
Type	Active matrix color TFT LCD
Brightness	
15-in (D15K*)	210 cd/m2 (typical)
19-in (D19KT*)	180 cd/m2 (typical)
Resolution	1024 x 768 @ 60 Hz (XGA)
Viewing angle	(horizontal/vertical)
D15K	170°/170°
D19KT	178°/178°
Pixel dimension	
D15K	0.297 x 0.297 mm
D19KT	0.294 x 0.294 mm
Contrast ratio	
D15K	700:1
D19KT	1300:1
Response time	
D15K	25 ms
D19KT	20 ms

Controls

Touch screen	5-wire resistive, with D19KT unit only
Trim Knob control	Standard on both size displays
Hard keys	3 standard keys with symbols: Power On/Off, Home, Audio Pause
11 additional keys in D-15K	Procedures, Trends, Print Waveforms, Freeze/Snapshot, Monitor Setup, Data and Pages, Alarm Setup, NIBP Auto, NIBP Start/Stop, Parameters, Zero All Pressures

I/O connectors CPU

Video	DVI I-I (digital or analog)
USB ports	One upstream from host device; two downstream ports for barcode reader/ keyboard/ mouse/ USB remote control

Performance specifications

Alarms

Priority	3 levels - High, Medium and Low
	High-priority alarm volume in accordance with IEC 60601-1-8
	D15K 81 dB(A)
	D19KT 82 dB(A)
Notification	Audible and visual alarms
Visual alarm	Red, yellow, cyan Audio pause indicator General alarm indicator
Audible alarm	Internal speakers

Power specifications

Internal AC power supply	
Power input	100 to 240 V; 50 to 60 Hz
Internal DC power supply (D15K only)	
Power input	16.75 V DC +/-5%
Power consumption	
D15K	45 watts (max)
D19KT	55 watts (max)
Protection class	Class I
Cooling	Natural convection - no fans

Environmental specifications

Temperature	
Operating	0°C to 40°C (32°F to 104°F)
Storage/transport	-20°C to 60°C (-4°F to 140°F)
Humidity	
Operating	0% to 90% (non-condensing)
Storage/transport	0% to 95% (non-condensing)
Altitude	
Operating	9,878 ft (700 hPa) -1,253 ft (1,060 hPa)
Storage/transport	18,281 ft (500 hPa) -1, 253 ft (1,060 hPa)
Degree of protection against harmful ingress of water	IPX1

Physical specifications

Dimensions (H x W x D)	
D15K	32.4 x 35.3 x 10.2 cm (12.8 x 13.9 x 4 in)
D19KT	40.1 x 43 x 10.2 cm (15.8 x 17.0 x 4.0 in)
Weight	
D15K	<5 kg (11 lb)
D19KT	<7.5 kg (16.5 lb)
Active area size	15-in diagonal or 19-in diagonal
Mounting	GCX compatible; 75 x 75 mm or 100 x 100 mm mounting brackets

Warranty

Two years

Certifications

IEC 60601-1; CAN/CSA C22.2 No. 601.1-M90; UL 60601-1; IEC 60601-1-2; CE marking according to the Medical Devices Directive 93/42/EEC

*D15K = 15-in display with keypad; D19KT = 19-in display with keypad and touchpad

Healthcare Re-imagined

GE is dedicated to helping you transform healthcare delivery by driving critical breakthroughs in biology and technology. Our expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, and biopharmaceutical manufacturing technologies is enabling healthcare professionals around the world to discover new ways to predict, diagnose and treat disease earlier. We call this model of care "Early Health." The goal: to help clinicians detect disease earlier, access more information and intervene earlier with more targeted treatments, so they can help their patients live their lives to the fullest. Re-think, Re-discover, Re-invent, Re-imagine.

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