

ST-185B

Ergonomic 18.5" Smart Terminal for the patient bedside



- **Designed for patient infotainment at the bedside**
- **18.5 inches of modern, slim-line aesthetics**
- **Fanless, noiseless and medical-grade design**

Designed from the ground up

The ST-185B is part of the first complete system for interactive patient care. This bedside terminal has been designed from the ground up to ensure perfect operation with the AC-AR05 arm. It has been built with advanced materials (aluminum) and features modern, slim-line aesthetics, making it the most innovative system on the market. The 18.5" Smart Terminal features superb ergonomics and benefits for every stakeholder:

If you're a clinician: Access electronic medical records (EMR) quickly and efficiently, thanks to: -an innovative 'tilt' function to put the screen in the perfect typing position (no separate keyboard required) -industry-leading digital access technology (via HID Dual Frequency RFID readers)

If you're an integrator: Reduce cost of installation thanks to: -a unique locking pin in the mounting arm -a quick docking connection to the terminal

If you're a patient: -rotate the screen for more comfort or tilt it to view it when lying down

Fit for clinical use

Barco's ST-185B Smart Terminal is fanless and constructed with antibacterial materials. Combined with its wipe-down design, it is easy to clean and disinfect, which helps to control the spread of infections. It has been specifically developed for use in a medical environment, complying with both EU and US medical safety standards.

Why you'll love Barco's Smart Terminals

- Smart Terminals are extremely reliable - with a failure rate of less than 0.3%
- Hardware, software and accessories are designed to work together to ensure 100% integration

- Smart Terminals are available with screen sizes ranging from 15" to 18.5"
- Barco is a leader in interactive patient care with more than 100,000 Smart Terminals used worldwide.

Barco's 18.5" Smart Terminal features:

- Dual frequency physical and digital access control reader
- Unique tilt function with the use of the AC-AR05 arm
- Modular embedded ultra-low voltage PC platform
- Fanless and noiseless design
- Wireless connectivity
- Advanced TFT/Touchscreen user interfaces
- Waterproof and dustproof design
- LED warning indicators
- Advanced anti-bacterial and flame retardant casing materials
- Range of options

Product specifications**ST-185B****General specifications**

Display	18.5" WXGA (1366 x 768)
Backlight	LED
CPU	Intel Atom Cedar Trail D2550 -1.86 GHz
System chip set	Intel NM10
BIOS	AMI 16M-bit SPI UEFI BIOS
Storage capacity	Optional HDD: 320 GB or Optional SSD: 8, 16, or 32 GB
System memory	DDR3 1066 2 GB Optional: 4 GB
Operating system	Linux Windows® 7 Embedded
Connectivity	LAN (x1) USB 2.0 (x4) Headphone jack (x2) Handset connector VGA-out
User interface	5-wire resistive touch-screen On-screen keyboard On/Off switch LED call warning lights
Webcam	Integrated, with privacy shutter HD720P
Audio	2 off 2 Watt integral speakers Internal microphone Warning / ring tones
Medical environment considerations	Antibacterial coating Fanless cooling
Certifications	EN/UL60601, EN60950, FCC-Class A, CE
Color	Barco White
Dimensions	478 x 331 x 55.5 mm (without hinge and handset)
Weight	5.5 kg
Accessories	
Analog handset	Standard
Smart Card Reader (SCR)	Standard
Dual Frequency RFID Reader	Standard
WiFi	Optional Mini PCIe 802.11b/g/n Wireless LAN Module (internal)
Bluetooth	Optional USB Bluetooth Module (internal)
USB TV tuner module	Optional: ATSC or DVB (in the wallbox)

Last updated: 08 Jul 2024

© 2024 Barco nv. All rights reserved. Reproduction in whole or in part without written permission is prohibited. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Due to continued innovation, information and technical specifications are subject to change without prior notice. Please check www.barco.com for the latest specifications.