

# ST-185B

## Ergonomic 18.5" Smart Terminal for the patient bedside



### 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

**BARCO**

Visibly yours

# ST-185B

## Ergonomic 18.5" Smart Terminal for the patient bedside



### 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.

### More than a TV...

The Smart Terminals are an integral part of Barco's CareConnex solution for interactive patient care. CareConnex offers a wide variety of services, such as TV, radio, films, games, meal ordering, feedback surveys and nurse service calls.



CareConnex improves patient well-being, comfort, and satisfaction while providing clinicians with secure access to electronic medical records (EMR), patient archiving and communication systems (PACS), and the hospital information system (HIS) - all at the patient bedside.

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

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