

ST-185A

18.5" Smart Terminal for the patient bedside



The benchmark in large-format infotainment

Barco's 18.5" Smart Terminal, formerly known as 'Arie', is an ideally sized all-in-one touch screen computer designed specifically for the medical sector. Nominated as a finalist at the 2009 Design Week Awards, the terminal features a widescreen high-resolution LCD for the ultimate in patient entertainment and clinical access.

The smooth contoured design makes for effortless cleaning, and construction from antibacterial plastics make this the ideal choice for healthcare.

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" JAO Smart Terminal features:

- Modular embedded ultra-low voltage PC platform
- Fanless and noiseless design
- Wireless connectivity
- Advanced TFT/Touchscreen user interfaces
- Water-proof and dustproof design
- LED warning indicators
- Advanced anti-bacterial and flame retardant casing materials
- Range of options such as card readers, barcode scanner and microphones, etc.

Product specifications**ST-185A****General specifications**

Display	18.5" WXGA (1366 x 768)
Backlight	CCFL
CPU	Intel Atom N270 -1.60 GHz
System chip set	Intel 945GSE/Intel 82801GBM ICH Mobile
BIOS	Award 1024KB Flash BIOS
Storage capacity	Optional HDD: 320 GB or Optional SSD: 8, 16, or 32 GB
System memory	DDRII 667/533/400 2 GB Optional: 4 GB
Operating system	Linux Windows® XP Embedded Windows® XP Professional for Embedded Systems Windows® 7 Embedded
Connectivity	LAN (x1) USB 2.0 (x4) Headphone jack (x2) Microphone jack (x1) Handset connector DVI-I out Programmable GPIO Service call (optional)
User interface	5-wire resistive touch-screen On-screen keyboard Membrane keypad On/Off switch LED call warning lights
Webcam	Integrated, with privacy shutter HD720P
Audio	2 off 3 Watt integral speakers Internal microphone Warning / ring tones
Medical environment considerations	Antibacterial coating Fanless cooling
Certifications	FCC-Class B, CE
Color	Cool Gray 2C
Dimensions	456 mm x 339 mm x 67 mm (without handset)
Weight	5.5 kg
Accessories	
Analog handset	Standard
Combined SCR and RFID reader	Optional
Second card reader	No
Barcode scanner	Optional 2D, integrated
WiFi	Optional Mini PCIe 802.11b/g/n Wireless LAN Module (internal)
Bluetooth	Optional USB Bluetooth Module (internal)
Service call	Optional
USB TV tuner module	Optional: ATSC or DVB (in the wallbox)

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