

OVTS-50

Display Wall Touch System



With the Digital Vision Touch technology (DViT) from SMART Technologies, Barco's display wall solutions become truly interactive environments in which users can access and manipulate data on a large screen area. Barco's OVTS-50 Display Wall Touch System features SMART's high-precision touch screen technology enabling intuitive finger tip interaction on large-area display content.

SMART's DViT technology is an add-on product integrated at the bottom of the screen. The OVTS-50 system delivers unmatched accuracy and responsiveness and ensures real-time interaction on Barco's 50-inch display wall cubes.

The Display Wall Touch System is ideally suited for collaborative decision making, brainstorming, mind mapping, briefing and training applications. In the whiteboard space, you can write and save notes, save screen captures and interact with content on the display wall.

SMART's DViT technology uses digital cameras and sophisticated recognition algorithms to determine the position of your finger tip and to make a distinction between single clicking, double clicking and drag & drop.

Benefits:

- Innovative Digital Vision Touch technology
- Intuitive interaction with display walls

- Ideal for collaborative decision-making training, briefing and presenting
- Control over menus, buttons and objects on the display wall
- Write and save notes in software applications
- High touch accuracy
- Fast responsiveness
- Scalability for large display walls

System components

- CMOS cameras
- Digital Signal Processor
- IR emitter modules
- Power supplies
- Bezel
- Cladding

Software tools

Intuitive user interface

- Simple toolbars
- Quick tool access
- Accessible workspace (tools do not block view on information)
- Page Sorter (keep track of notes easily, sort presentation slides by drag and drop)

Object control

- Screen capture
- Edit, move and rotate objects

Text and drawing

- Handwriting recognition
- Format text
- Spell check
- Tools and drawing styles
- Supports Microsoft® Office
- Saves annotations into Microsoft Office files

Sharing information

- Export files
- Print files
- E-mail files

Product specifications

OVTS-50

General specifications

Technology	SMART DVIT technology
System components	Multiple IR emitter modules, CMOS cameras, DSP and power supplies; bezel
Configurations	Barco's OverView mDR50-DL, OverView mDG50-DL, OverView mDR+50-DL, OV-508, OV-513, OV-515 display walls, up to 7 x 3 configuration
Bezel width generation	35mm -100 mm (1.38 -3.94 inch)
Power supplies	1-5V, 4.2A per DSP, 1-12V 5A per 6 IR modules. All are switching power supplies (100V-250V AC, 47 Hz-63 Hz, 12V DC 4.2A)
Support heights	725mm, 875mm or 1000mm
Interface	USB 2.0
Active touch area	7m x 2.4m
Jitter	0.10 mm.
Points reported	170,000 points per camera set
Frequency of reports	100 reports per second
Calibration	15 points calibration per camera set
Contact detect height	7mm \pm 4mm
Accuracy	Approximately 10mm (0.39 inch)
Response time	Approximately 50ms
Lag	Approximately 100ms
Software	SMART Board driver for Windows including, Notebook™ software, SMART Recorder, SMART Video Player

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