StarBoard®

TE-YL5 Series
Interactive Flat Panel Displays
Available in 65'', 75'' & 86"

INTERACTIVE
Interactive display for training, writing, annotation, camera display, connecting to an external PC, playing multimedia audio and video.

HIGH DEFINITION RESOLUTION
A high definition LED backlit panel supporting up to 4K resolutions with a wide viewing angle, allowing you to watch high quality content from anywhere in the room.

OPS MODULE SLOT
OPS PC Module compliant slot supports the Intel OPS (Open Pluggable Specification) standard allowing users to add PC level functionality with ease.
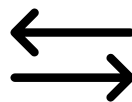
EFFICIENT SPEAKER UNIT
The output power of the integrated stereo amplifier uses two 15 W speakers delivering sound that is loud and clear with a low signal-to noise ratio.

ULTRA SLIM FRAME
With the new ultra-slim frame design and modern styling, frame width is only 2.04cm, maximizing the area used for touch input and displaying vibrant content.

MULTI-TOUCH
High-speed multi-point interactive touch technology supporting up to 20 touch points. Using the best Infrared touch sensors, interactions are smooth and fast.

SAFETY
Rounded corners, power supply protection and a strong carry handle ensure the safety of users when in use, in transit or setup.

CONNECTIVITY
Beyond the wide variety of interfaces such as HDMI and USB, displays can be connected to the Internet for synchronous interaction be-tween the display and PC.

Specifications

Model	YL
Display	
Display Sizes	65'' 75'' 86''
Resolution	3840x2160
Active Area (mm)	65'': 1428.48x803.52 (64.53'') 75'': 1650.24x928.26 (74.52'') 86'': 1895.04x1065.9 (88.56'')
Glass	4mm tempered glass
View angle	178°
Aspect ratio	16:9
Brightness	350 cd/m2
Contrast	65'': 4000:1 75'': 4000:1 86'': 1200:1
Colors	10 Bit + FRC (1.07 Billion)
Resolutions supported	1024x768 / 1280x720 / 1280x960 1280x1024 / 1360x768 / 1440x900 1600x1200 / 1920x1080 / 3840x2160
Response time	65'': 5-8 ms 75'': 6-8 ms 86'': 8-12 ms

Android specification	
System	Android 6.0
GPU	T720 MP2
CPU	2*ARM Cortex A9 4*1.8G
RAM	2G
ROM	8G

Touch specification	
Working temp.	0°c – 40°c
Touch points	Up to 20 Points
Writing mode	Finger, pen, or any non-transparent object
Touch Technology	IR Technology
Accuracy	<3 mm
Positioning Res.	4096x4096/16384x16384/32768x32768
Response time	<8ms
Cursor speed	>180 dot/Sec
Comm. Port	USB

Input / Output connections				
	Back input	Front input	Back output	OPS *
WIFI	1 (2.4G)			
RJ45	1			
Touch Port	1			
HDMI 1.4				
HDMI 2.0	1			1
VGA	1			1
USB 2.0	2			4
Audio	1			1
USB 3.0				2
RS232	1			
SD Card	1			
YPbPr	1			
AV	1			1
DP				
HeadPhone			1	
AV			1	
SPDIF			1	
HDMI				
Microphone				1
VGA				
TV USB		1		
PC USB		1		
Touch USB				
HDMI				
USB Android				
HDMI 60 Hz				
Ethernet				1

Power specification	
Standby	<1 W
Rated consumption	65'': 220W 75'': 250W 86'': 350W
Voltage range	AC (100-240) V-50/ 60Hz

General	
Weight (N.W)	65'': 50.0 Kg 75'': 75.0 Kg 86'': 83.0 Kg
Weight (G.W)	65'': 62.0 Kg 75'': 86.0 Kg 86'': 107.0 Kg
Packaging dimensions	65'': 1700x1050x200 mm 75'': 1900x1180x260 mm 86'': 2157x1343x270 mm

*Current OPS specification is based on an Intel Core i5 Processor. The OPS is an accessory and priced separately.

StarBoard Software Licensed Edition
Interactive Software

The interactive universe at your fingertips.

Transform lessons into creative opportunities to inspire learning with StarBoard Software, a dynamic set of teaching and lesson building tools designed for educators.

User Friendly Toolbar

Our simplified toolbar designs and natural interface allows you to arrange and save tools to suit your specific needs.
Create and save multiple toolbars for students, specific subjects, or other users.

Illustrate and annotate

Make your lessons visually stimulating with a plentiful palette of digital inks. From translucent highlighters to colourful3D inks, creativity is at your fingertips

Import Directly into StarBoard

Import PowerPoint, PDF, JPEG, and other formats directly into StarBoard and bring them to life with a rich palette of digital inks and other interactive features.

Click and Search

Enrich your courses with just a few clicks. The integrated search engine allows to search in Google and Wikipedia directly in the StarBoard software. Easily pull images and articles into your lesson to further illustrate your point.

Educator Resources

StarBoard Software includes a rich range of educational resources: integrated classroom accessories and tools, images, clipart, backgrounds, and Flash animations.
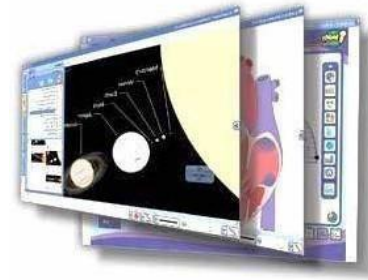
Collaborative Solution

Cooperative learning and sharing ideas are some of the unique benefits of the multi - input pad, which allows three students to write on the device at the same time.

Key Features

Advanced User Interface

- Topmenu bar for easy accessibility
- Side menu bar - you can toggle to either side of the screen
- Drag and drop tools to create a shortcut button on a page
- Rubbish bin on the page to delete any object
- Supports multiple languages
- Compatible with Windows 7,8 and 10systems

Integrated Accessories

- Integrated classroom accessories: Compass, Protractor, Ruler, Timer.
- Screen and voice recording
- Data Conference mode for sharing notes

Rich Editing Tools

- Customizable color palette Import your favorite images for the texture pen
- Integrated handwriting text recognition

Web Resources

- Integrated Google and Wikipedia search
- Drag and Drop imagesfrom Web browser

StarBoard Software allows the use of files in the Interactive Whiteboard Common File Format

System Requirements

Windows OS

- CPU: Intel Pentium 4 1.8GHz or faster
- Free hard drive space: 900 MB or more
- RAM: 1GB or more
- Display colors: 32bits
- OPS: Windows 7 32/64bit, Windows 8.1 32/64bit, Windows 10 32/64bit (the latest service pack must be applied)
- Network: Internet connected environment (Using search engines within StarBoard Software, Web image search)

Software required

- Internet Explorer 9/10/11(for viewing Online Help and using Internet search functions)
- Microsoft Word 2010 onwards (for viewing Word documents)
- Microsoft Excel 2010 onwards (for viewing Excel documents)
- Microsoft Power Point 2010 onwards (for viewing Power point documents)
- Adobe Reader X/XI, Adobe Acrobat Reader DC (for viewing PDF documents)

Adobe Flash Player 11 (for using Flash object)

- Others: DVD drive, Video card with hardware overlay feature (for using movie features)

Web cam playback and capturing feature

- DV (Digital video, DV cameras, D-VHS, etc.)
- Capture devices which support Direct Show (with WDM drivers)

Conference host feature

- CPU: Intel Core 2 Duo 2.0GHz or faster
- Free hard drive space: 2GB ormore
- RAM: 2GB or more
- Others: TCP/IP 54Mbps or above

i-Learn: Maths toolbox

- Display resolution: 1024×768 or higher
- Software required: Adobe Reader
- Others: 3D graphics card with 32- bit color