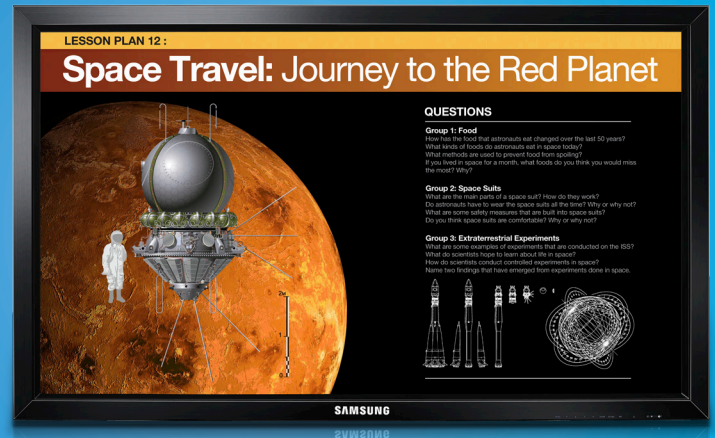# CINOS.net

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650FP-2 · 650TS-2
65" Commercial LCD Display and 65" E-Board Touch

Be big in education. Be beautiful in retail.

LESSON PLAN 12 :

Space Travel: Journey to the Red Planet

QUESTIONS

Group 1: Food
How has the food that astronauts eat changed over the last 50 years?
What kinds of foods do astronauts eat in space today?
What methods are used to prevent food from spoiling?
If you lived in space for a month, what foods do you think you would miss the most? Why?

Group 2: Space Suits
What are the main parts of a space suit? How do they work?
Do astronauts have to wear the space suits all the time? Why or why not?
What are some safety measures that are built into space suits?
Do you think space suits are comfortable? Why or why not?

Group 3: Extraterrestrial Experiments
What are some examples of experiments that are conducted on the ISS?
What do scientists hope to learn about life in space?
How do scientists conduct controlled experiments in space?
Name two findings that have emerged from experiments done in space.

SAMSUNG

Full HD
1080

65" High-Resolution Display
1920 x 1080 Full HD resolution, 16:9 widescreen, 500 nits brightness and 5,000:1/10,000:1 dynamic contrast ratio deliver superior images with sharp, legible type.

650TS-2: Interactive Whiteboard
Accurate optical sensor technology delivers responsive touch, even out to the edges and corners.

650TS-2: A Complete System
The 650TS-2 is a simple, fully integrated education system. It's complete right out of the box, with no need to pay for any monthly software licensing fees.

Commercial Connectivity
Designed for commercial applications, connections include VGA, DVI, HDMI, BNC (650FP-2 only) and Component (650FP-2 only).

650FP-2: Optional Networkability
Add a built-in PC with the optional Samsung set back box (SBB-NT), and you'll be able to easily control content through your existing network.

178˚ Viewing Angles
With wide viewing angles, everyone will be able to see.

Integrated 15W Speakers
Built-in stereo speakers means there's no need to purchase, install and operate a separate sound system.

3-Year Warranty
Longer protection with greater reliability than consumer TVs.

SAMSUNG 3 YEAR WARRANTY

Introducing two 65" LCD displays designed to help you do your job better in a big way. For educators, the 650TS-2 is an interactive white board that lets you present anything your computer can display, then let you illustrate your points as you would on a whiteboard. For retailers, the 650FP-2 gives you an affordable way to deliver sales messages in an impactful way. Both displays deliver razor-sharp, colorful high-definition images. And each will make a large impact on your audience. **Business. Innovated.**

SAMSUNG

650FP-2 · 650TS-2
Commercial LCD Display and E-Board Touch

Product	Model Number	650FP-2	650TS-2
Panel	Diagonal Size/Type	65"/AMV3 60Hz	65"/AMV3 60Hz
	Resolution	1920 x 1080 (16:9)	1920 x 1080 (16:9)
	Brightness (Typical)	500 cd/m²	500 cd/m²
	Contrast Ratio (Typical/Dynamic)	5000:1 / 10000:1	5000:1 / 10000:1
	Response Time (Typical)	5.5ms	5.5ms
	Viewing Angle (Horizontal/Vertical)	178°/178°	178°/178°
Connectivity	PC Inputs	VGA (D-Sub 15-pin), DVI-D (in/out)	VGA (D-Sub 15-pin), DVI-D (in/out)
	Video Inputs	Composite, BNC Component (in/out), HDMI	Composite, HDMI
	Audio Input/Output	RCA (L/R), Stereo Mini Jack	RCA (L/R) , Stereo Mini Jack (in/out), Speaker Out
	External Control	RS232C (in/out)	RS232C (in/out)
Power	Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power (Typ/Max), Stand By Power	430W / 470W, < 2W	430W / 470W, < 2W
Feature	Special	Lamp Error Detection, Anti Retention, Brightness Sensor, Temperature Sensor, Built-In Fan Control, RS232C MDC, Built in Speaker (15W + 15W), Plug and Play (DDC2B, DDC/CI), PIP/PBP, Video Wall (5x5), Button Lock, Digital Daisy Chain, Slide In Moduler Design (Optional SBB-NT), Landscape Orientation Only	Embedded Touch (Optical), Lamp Error Detection, Anti Retention, Brightness Sensor, Temperature Sensor, Built-In Fan Control, RS232C MDC, Built in Speaker (15W + 15W), Plug and Play (DDC2B, DDC/CI), PIP/PBP, Video Wall (5x5), Button Lock, Digital Daisy Chain, eBoard Software Included, Landscape Orientation only
	Network (Built-in PC)	SBB-NT Slide-in module (Optional)	N/A
Dimensions	Product Dimension (Without Stand, W x H x D)	61.2" x 36.4" x 4.9"	61.2" x 36.4" x 5.4"
	Shipment Dimension (W x H x D)	66.5" x 41.7" x 17.7"	66.5" x 41.7" x 17.7"
Weight	Product Weight	127.6 lbs.	154 lbs.
	Shipment Weight	148.3 lbs.	176.9 lbs.
Mechanical Specs	VESA Mount	800 x 400mm	800 x 400mm
	Bezel Width	54mm	54mm
Operation	Operating Temp/Humidity	0° – 40° / 10 – 80%	0°~ 40° / 10~80%
Accessories	Included	Quick Setup Guide, Warranty Card, Application CD, D-Sub Cable, Power Cord, Remote Controller, Batteries	Quick Set-up Guide, Warranty Card, Application CD, D-Sub Cable, Power Cord, Remote Controller, USB Cable Touchpen, Batteries
	Optional — Stand	STN-L65D	STN-L65D
	Optional — Mount	WMN7070D	WMN7070D
	Optional — Specialty	SBB-NT Slide-in Media Player	N/A
Service	Standard Waranty	3-Year Onsite Parts and Labor	3-Year Onsite Parts and Labor

GREEN MANAGEMENT ✿

Emission Standard	EMC	EMC
Energy Star® 5.0 Compliant	N/A	N/A
ROHS Compliant	■	■
Packaging Recyclability	■	■

For complete product information, visit samsung.com/prodisplay

SAMSUNG 3 YEAR WARRANTY

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Product Support: 1-800-SAMSUNG
1-866-SAM-4BIZ