

PLEASE THINK BEFORE YOU PRINT

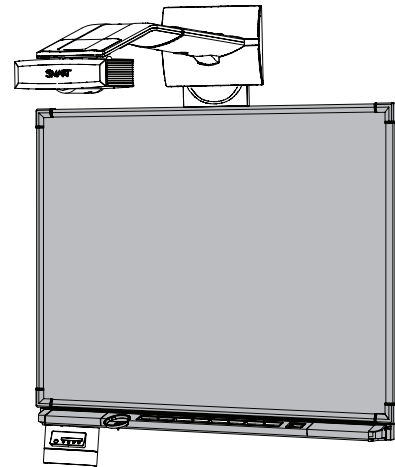
## Specifications

# Parts Kit for SMART Board™ 560 and 580 Interactive Whiteboards and UF55 Projectors

Model UF55-RFK-500

## Physical Specifications

<b>Total Size</b>	
UF55 Projector set to 560 position	18 1/2" W × 15 1/2" H × 38 3/4" D (47 cm × 39.4 cm × 98.4 cm)
UF55 Projector set to 580 position	18 1/2" W × 15 1/2" H × 44 7/8" D (47 cm × 39.4 cm × 113.9 cm)
<b>Remote Control</b>	1 5/8" W × 3 3/8" H × 1/4" D (4 cm × 8.6 cm × 0.7 cm)
<b>Extended Control Panel</b>	11" W × 7 5/8" H × 2 3/8" D (27.9 cm × 19.4 cm × 6 cm)
<b>Weight</b>	33 lb. 14 oz. (15.4 kg)
<b>Shipping Weight</b>	
UF55 Projector/Boom Box	41 lb. 3 oz. (18.7 kg)
Parts Kit Tube	2.2 lb. (1 kg)
<b>Shipping Size</b>	
Boom Box	39 3/4" W × 9 1/2" H × 16" D (100.9 cm × 24.1 cm × 41.2 cm)
Projector Box	18 1/2" W × 15 1/8" H × 8 1/4" D (47 cm × 38.5 cm × 21 cm)
Parts Kit Tube	ø 4" × 36" L (ø 10.2 cm × 91.4 cm)



All dimensions +/- 1/8" (0.3 cm). All weights +/- 2 lb. (0.9 kg)

Extraordinary made simple™

SMART™

### **i** NOTES

The UF55-RFK-500 parts kit for SMART Board™ 560 and 580 interactive whiteboards and UF55 projectors converts your interactive whiteboard and UF55 projector kit into a complete interactive whiteboard system. It includes a mounting bracket, guides for use with 500 series interactive whiteboards, spacers, and installation hardware.

The UF55-RFK-500 doesn't include an interactive whiteboard or a UF55 projector kit. You must order both the UF55 projector kit, and the UF55-RFK-500 parts kit for SMART Board 560 and 580 interactive whiteboards and UF55 projectors.

See your [SMART Board 560 or 580 interactive whiteboard](#)'s specifications for your interactive whiteboard's sizes and weights. These products aren't compatible with SMART Board 540 interactive whiteboards.

To install the UF55-RFK-500 parts kit for SMART Board™ 560 and 580 interactive whiteboards and UF55 projectors, remove your interactive whiteboard and reinstall it with the new installation hardware and the UF55 projector kit.

## Standard Features

<b>Software</b>	SMART Notebook software included. See the <a href="#">SMART Notebook software specifications</a> for a complete list of system requirements. Software upgrades are available at <a href="http://www2.smarttech.com/st/en-US/Support/SBS/">www2.smarttech.com/st/en-US/Support/SBS/</a> .
<b>Certifications and Compliance</b>	CSA (U.S./Canada), CB, CE, FCC, RoHS (China), RoHS (Europe), WEEE, VCCI (Japan), C-Tick (Australia)
<b>Warranty</b>	The projector and extended control panel (ECP) have a three-year limited equipment warranty. The UF55 projector lamp has a 500 hour/90 day warranty.
<b>Cables</b>	Includes the necessary cables to connect the projector to the ECP. However, you must supply the appropriate input cables for your personal computer and devices.

## UF55 Projector System Features

<b>System Components</b>	UF55 projector, boom mount with a limit strap (including a controlled-collapse feature), ECP, remote control and all necessary input cables from the ECP to the projector
<b>Image Adjustment</b>	The mounting boom includes mechanical adjustment areas for aligning the projector image with your interactive whiteboard. The projector also has a focus lever and a digital on-screen menu for brightness, contrast and other image-related attributes.
<b>Display Type</b>	True XGA 1024 × 768 projector
<b>Display Technology</b>	The projection engine uses DLP® technology by Texas Instruments™, providing BrilliantColor™ performance and quality Gamma 2.2 correction with Bright Classroom, Dark Classroom, sRGB and User modes.
<b>Brightness</b>	Estimated at 2000 lumens (typical) at a CCT of 6500°K by the IEC method

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INTERACTIVE WHITEBOARDS AND UF55 PROJECTORS –  
MODEL UF55-RFK-500**

<b>Lamp Life</b>	3000 hours (Standard 200 W mode) or 4000 hours (Economy 160 W mode)
<b>Aspect Ratio</b>	4:3 native, with support for 16:9, 16:10 and 4:5 ratios
<b>Contrast Ratio</b>	2000:1
<b>Video System Compatibility</b>	NTSC, NTSC 4.43, PAL, PAL-N, PAL-M, SECAM
<b>Video Interface Compatibility</b>	Composite, S-video, and VESA RGB, with additional interface support for Component YPbPr and Component YCbCr inputs with the proper adapters (not included)
<b>Video Format Compatibility</b>	Native 4:3 aspect ratio XGA projector resolution. With scaling, VGA, SVGA, SXGA, QuadVGA, SXGA+ and UXGA formats are supported.
<b>Synchronization</b>	Auto image synchronization (auto tracking, frequency, position adjustment, source detect and phase detect)
<b>Mounting Hardware</b>	Hardware is included for mounting the UF55 projector and the ECP to framed and solid masonry walls. A safety tether and limit strap are included. A new mounting bracket, installation guide and hardware are provided for installing your 500 series interactive whiteboard.
<b>Input/Output Connections</b>	Two HD DB15F connectors – RGB video input from computer and/or ECP via VGA connectors HD DB15F connector – video output passthrough of Video Input 1 signal 4-pin mini-DIN connector – S-video input One pair of audio jacks (RCA, stereo) reserved for use with S-video Composite video connector – RCA-style video input One pair of audio jacks (RCA, stereo) reserved for use with composite video 3.5 mm stereo jack – audio input from computer 3.5 mm stereo jack – audio output to connect speakers DB9M – serial (RS-232) for power and communication to the ECP RJ45 – network connection for SNMP management and control, and for sending e-mail alerts
<b>Projector Noise</b>	36 dBA (high fan speed) or 31 dBA (standard fan speed) measured using JIS method
<b>Power Requirements</b>	100V AC to 240V AC, at 50 Hz to 60 Hz
<b>Power Switch</b>	Master power control switch
<b>Power Cable</b>	One 14' 9" (4.5 m) power cable included
<b>External Control</b>	The RS-232 connector is configured to accept control codes from your computer or a room control system.
<b>Power Consumption</b>	385 W (Standard mode) to 504 W maximum, 5 W in Standby mode
<b>Remote Control</b>	Provides an alternative method of controlling the UF55 projector settings

**Theft Protection** The UF55 projector system features a padlock ring (padlock not included) and an attachment screw for securing the projector to the projector plate. The projector doesn't function if it is separated from the ECP and can't be operated without the remote control. A Kensington® security slot is provided to affix the system to a wall as a visual and physical theft deterrent.

## ECP Features

**Input/Output Connections** HD DB15F connector – RGB video from computer (supports CAV, YPbPr or Y'UV)  
HD DB15F connector – RGB video to projector  
DB9F – serial (RS-232) computer or room control connection  
DB25M – provides input signals and control signals to the projector  
4-pin mini-DIN connector – S-video input  
One pair of audio jacks (RCA, stereo) reserved for S-video  
Composite video connector – RCA-style video input  
One pair of audio jacks (RCA, stereo) reserved for composite video  
3.5 mm audio stereo jack – PC audio input

**Power Button** Turns the projector on and off

**Input Selection Buttons** Provide control for the following input types: S-video and associated audio (RCA jacks), composite video and associated audio (RCA jacks), and Computer 2 VGA input and associated 3.5 mm audio stereo jack

## Storage and Operating Temperatures

**Storage** 122°F (50°C) maximum storage temperature  
-40°F (-40°C) minimum storage temperature

**Operating** 41°F to 95°F (5°C to 35°C) using standard fan speed at an altitude of 0' to 6000'  
(0 m to 1829 m)  
41°F to 86°F (5°C to 30°C) using high fan speed at an altitude of 6000' to 6800'  
(1829 m to 2073 m)  
41°F to 86°F (5°C to 30°C) in Service mode at an altitude of 6800' to 9800'  
(2073 m to 2987 m)

## SMART Order Numbers

**UF55** UF55 projector kit

**UF55-RFK-500** Parts kit for SMART Board 560 and 580 interactive whiteboards and UF55 projectors

**20-01032-20** Replacement projector lamp

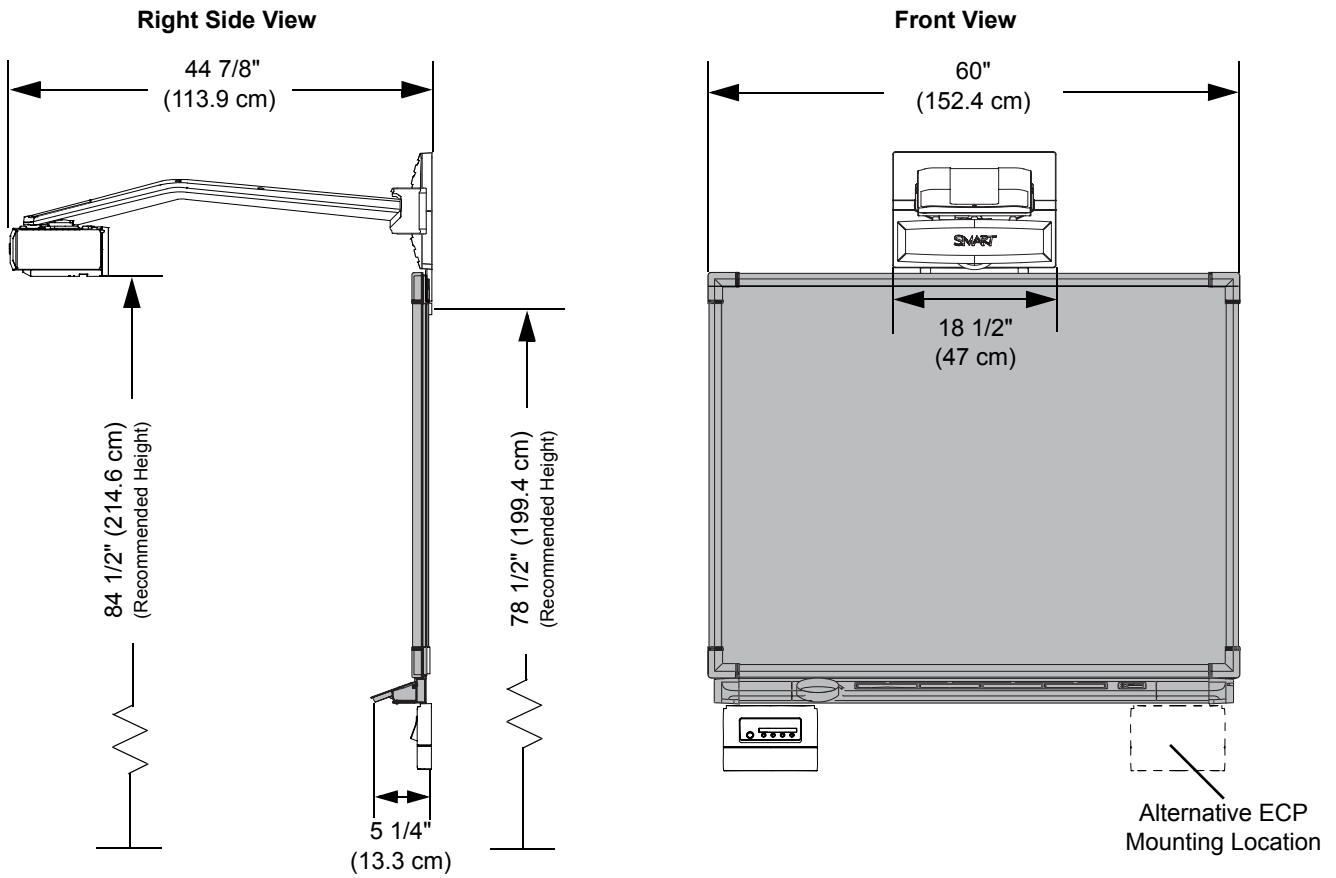
## Optional Accessories

**ERA-003** Replacement eraser and eraser barrier (for 500 series interactive whiteboards)

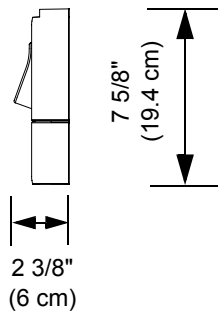
**RPEN** Replacement set of four pen tray pens (black, red, blue and green)

## Physical Dimensions

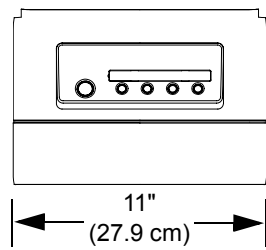
**UF55-RFK-500 with SMART Board 580 interactive whiteboard and UF55 projector system**



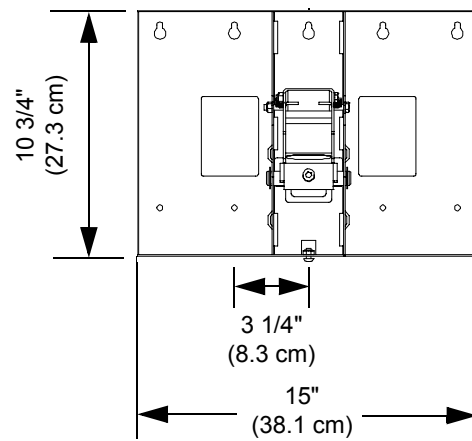
**ECP Right Side View**



**ECP Front View**

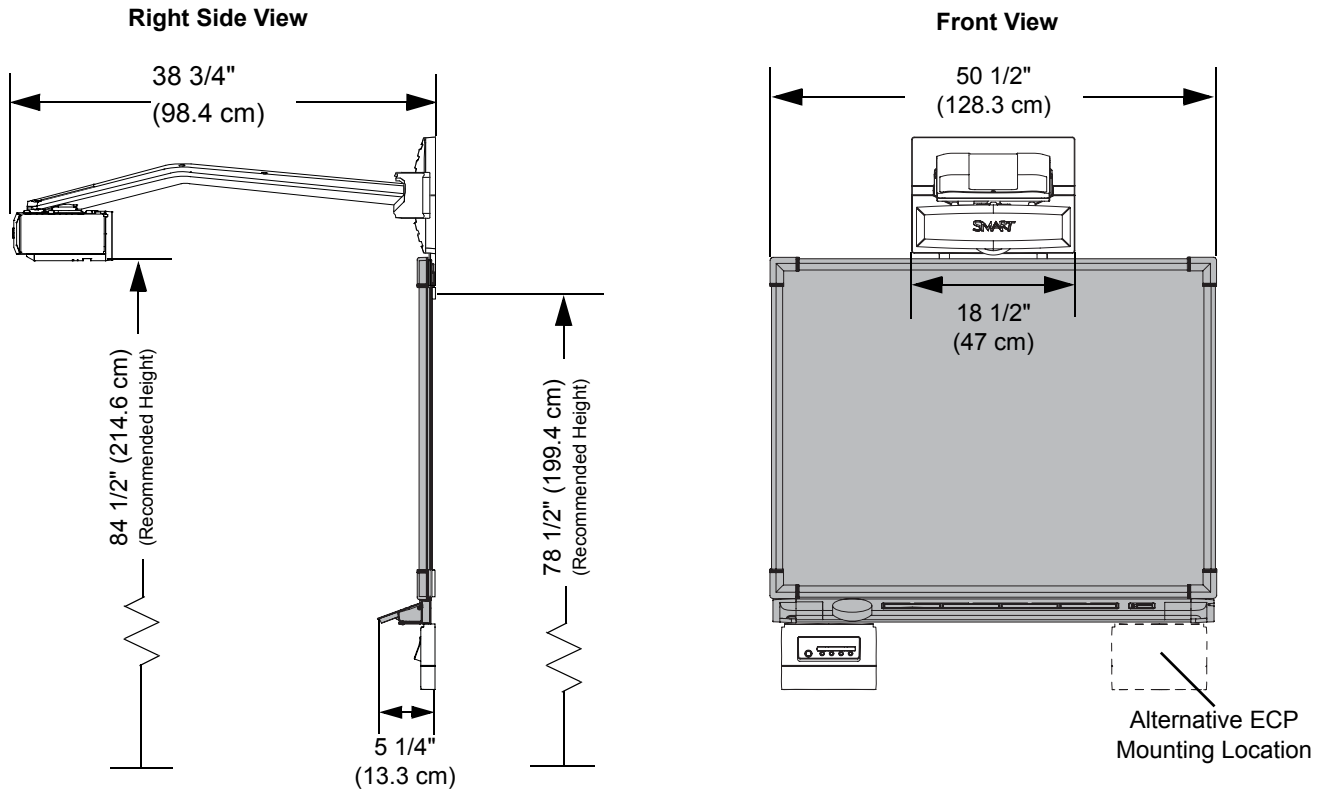


**Projector Mounting Bracket**

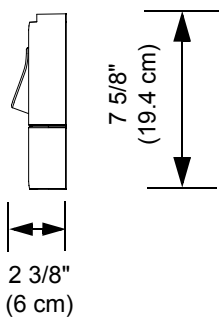


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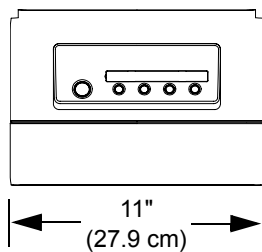
### UF55-RFK-500 with SMART Board 560 interactive whiteboard and UF55 projector system



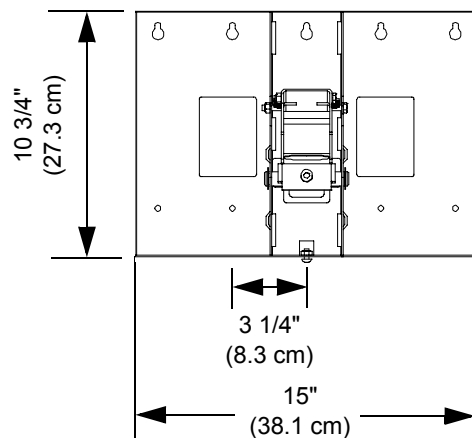
**ECP Right Side View**



**ECP Front View**



**Projector Mounting Bracket**



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