Specifications

SMART Hub™

collaboration appliance
Model VE220 and VE220S

Physical specifications

Size	15 3/4" W × 1 3/4" H × 8 3/4" D (40 cm × 4.4 cm × 22.2 cm)
Weight	5.5 lb. (2.5 kg)
Shipping size	18" W × 8 1/2" H × 11" D (45.7 cm × 21.6 cm × 27.9 cm)
Shipping weight	9 lb. (4.1 kg)
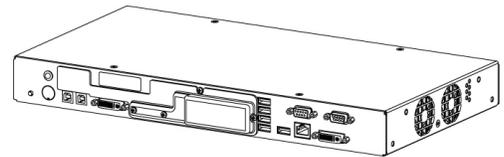
All dimensions ± 1/8" (0.3 cm). All weights ± 2 lb. (0.9 kg)

Standard features

Firmware
- Digital whiteboarding appliance: computer-free, always powered on
- Video input for computer connectivity
- Saves to a USB flash drive
- Network connected, with built-in e-mail client application
- SNMP manageability
- Supports five languages: English, French, German, Italian and Spanish

NOTES
- SMART Technologies may introduce additional features in the future.
- You can connect a computer with SMART Board™ software 9.7 or SMART Notebook™ collaborative learning software 10 to the SMART Hub VE220 and use the software's digital ink features. The SMART Hub VE220 doesn't support earlier versions of SMART Board software.
- This product is intended for use with only SMART Board 600 series interactive whiteboards.

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Environmental compliance	China EIP, EU RoHS, EU WEEE, Packaging
Regulatory certification	CSA (Canada), CB, CE, FCC
Warranty	Two-year limited equipment warranty. See warranty document for details.
Casing	Black powder-coated steel sheet
Mounting system	Four universal brackets that allow: • 19" (48.3 cm) rack mounting (with the connector side in or out) • wall mounting • tabletop, shelf mounting or under-shelf mounting
Power supply	• 100V–240V AC 1.5A • 12V DC 5A
Power consumption	• Maximum 24 W • Nominal 15 W
Cooling system	High-efficiency cooling system with low system acoustic noise level at room temperature: • two fans with low system acoustic noise level (<30 dB at 5 m under nominal operating conditions) • temperature control circuits with adaptive voltage control fan speed
Input/output connections	**Power** • one DC power jack, one status indicator light and one Reset button **SMART Board 600 series interactive whiteboard connection** • one USB A receptacle **Video output connection** • one DVI-I connector (analog or digital) **Audio output connections** • one pair of RCA stereo audio receptacles **Computer input connections** • one USB B receptacle • one DVI-I connector (analog and digital) • one 3.5 mm stereo audio input connector **Other input connections** • four USB A receptacles in addition to the one provided for the SMART Board 600 series interactive whiteboard connection • one RJ45 (10BASE-T) jack • one RS-232 connector (male), and one USB B receptacle for firmware upgrade

Input/output formats

Computer input

- VGA
- SVGA
- XGA
- WXGA

- SXGA
- SXGA+
- MAC

Computer output

- SVGA
- XGA
- WXGA
- SXGA

- 720p
- 1080i
- 1080p

Input signal (analog RGB)

- up to 170 MHz
- input levels: RGB (with sync) 1.0 Vp-p; RGB (without sync) 0.7 Vp-p; nominal impedance 75 ohm
- sync type (with TTL input level): sync-on-green (bi-level), composite (bi-level), separate H and V

Storage and operating specifications

Storage   -4°F to 140°F (-20°C to 60°C), 0% to 80% humidity, non-condensing

Operating   32°F to 104°F (0°C to 40°C), 10% to 80% humidity, non-condensing

SMART order numbers

VE220   SMART Hub VE220 collaboration appliance

VE220S   SMART Hub VE220S collaboration appliance with USB to serial adapter

Optional accessories

USB-XT

To extend the distance between your Hub and your computer, connect up to four 16' (5 m) USB extender cables to a maximum extension of 64' (20 m).

CAT 5-XT

The Cat 5 to USB extender will extend your hub's USB connection up to 120' (36.6 m) with an RJ45 Cat 5 cable (not included). The extender includes two 6' (1.8 m) USB cables to connect your computer and your hub to the extender units.

Physical dimensions

Back view
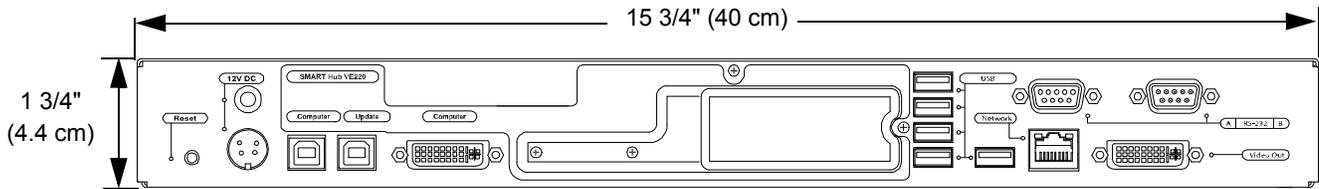
Left side view
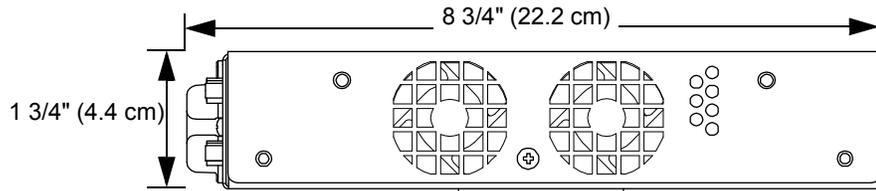
Front view   **Mounting bracket (×4)**   **Side view**

1 3/4" (4.4 cm)

1 3/4" (4.4 cm)

1 3/4" (4.4 cm)

1 3/4" (4.4 cm)
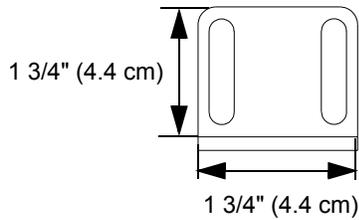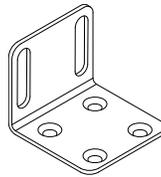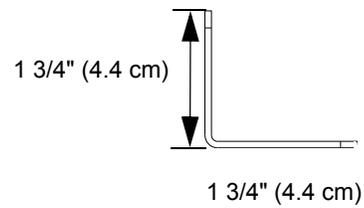
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