

3M™ Digital Projector WX20

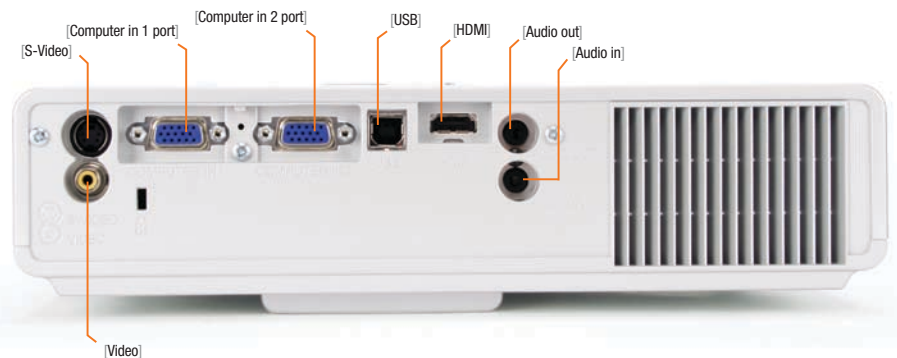
When the fine details are important, the 3M Digital Projector WX20 has 1280x800 resolution for today's wide format computers and laptops. High definition video looks great when displayed using the HDMI connections. Compact and lightweight but fully loaded, the 3M WX20 is ideal for boardrooms, classrooms, multi-media and multipurpose environments.



Features

- WXGA (1280 x 800) resolution
- 2000 lumens*
- 4 lbs. (1.8kg) – great for the mobile user!
- Automatic Vertical Digital Keystone
- HDTV compatible
- 3 Year Standard Warranty
- HDMI connectivity
- Customizable start-up screen
- Great for wide format movies!

**Indicates maximum lumens rating*



Optical

Resolution

Native: WXGA (1280 x 800)
Maximum: UXGA (1600 x 1200)

Imager set

0.59", P-Si TFT Panel

Aspect Ratio

16:10 native and 4:3 pillar box supported

Colors

16.7 million

Contrast Ratio

500:1

Brightness

2000 lumens (maximum rating)

Projection Lens

F1.7-1.9 (f=19-23mm)

Vertical Lens Shift

10:1 (fixed)

Throw Ratio (Distance: Image Width)

1.5:1 - 1.8:1

Screen Size (range)

30-300 inches

Zoom/Focus

Manual

Zoom Ratio

1.2:1

Optional Lenses

N/A

Lamp

UHB 190W (normal mode), 142W (whisper mode)

Lamp Life

2000 hours (normal mode)
Up to 3000 hours (whisper mode)

Size

Dimensions (W x H x D)

10.7 x 2.3 x 8 in. (274 x 59 x 205mm)

Weight

4 lbs (1.8kg)

Warranties

For details see www.3m.com/meetings/warranties

Projector

3 years or 2500 hours

Lamp

90 days or 180 hours with remainder of 1 year prorated

Ultra Value Warranty Enhancement (optional)

Includes 1 free lamp, free loaner while unit is being repaired and expedited service.
Not available outside U.S.

System Specifications

Video Compatibility

NTSC, NTSC 4.43, PAL, PAL-M, PAL-N, SECAM

SDTV/HDTV

525i(480i), 525p(480p), 625i (576i)/
750p(720p@60Hz), 1125i(1080i@60Hz),
1125p(1080p@60Hz)

Digital Audio Compatibility (HDMI)

Linear PCM 32kHz, 44.1kHz, 48kHz

Close Caption

CC1-4, TEXT1-4 (NTSC only)

Digital Keystone Correction

Vertical \pm 30 degrees

Audio Output

1 Watt

Startup Screen

Customizable

Noise Level

Normal 41dB; Whisper 34dB

Horizontal Scan

31.5-106kHz

Vertical Scan

56-120Hz

Power Consumption

310W (during operation); 5W (standby mode set to saving*) *All RS-232 functions are disabled except Turn On. The Monitor Out and Audio Out are disabled. Power consumption will be greater when a HDMI source is connected.

Power Supply

Universal: 100-120V/220-240V, 50/60Hz

Regulatory Approvals

UL, cUL, FCC Part 15 -Class B, CE, EN60950

Operating Temperature

41° - 95°F (5° - 35°C)

Storage Temperature

-4° - 140°F (-20° - 60°C)

Altitude

Sea level to 6000 ft. (1,829m)

Technical Support

- Free unlimited software downloads and updates available on our website at www.3m.com/meetings
- 24/7 Technical Support by calling 800.328.1371

Connections

Computer

Computer In1, In2	15 Pin HD-Sub - analog computer input
USB	USB Type A-Mouse Emulation
Audio In	3.5mm stereo mini jack - PC audio input
Audio Out	3.5mm stereo mini jack - computer and video audio output

Video

HDMI	Digital Audio and Video Input
S-Video	4 Pin Mini-Din-S-Video input
Video	RCA-Composite Video input

Accessories Included

Power cords (US, UK, Europe)
Remote control with batteries
Lens cap
Soft case
VGA cable
RCA Video/Audio cable
RCA/Stereo Mini Audio cable
USB cable

Optional Accessories

Lamp replacement kit (WX20)	78-6969-9946-1
Universal ceiling mount	78-6969-9874-5
Soft rolling bag	78-6969-9716-8
Ultra Value Enhanced Warranty (WX20) U.S. only	78-6969-9944-6

Image Size 16:9

Screen Size (Diagonal)	Projection Distance	
	Minimum (m)	Maximum (m)
40" (1.0)	50" (1.3)	60" (1.5)
60" (1.5)	75" (1.9)	90" (2.3)
100" (2.5)	126" (3.2)	151" (3.8)
160" (4.1)	202" (5.1)	243" (6.2)
200" (5.1)	253" (6.4)	304" (7.7)
300" (7.6)	380" (9.6)	456" (11.6)

Note: These sizes are \pm 10 percent. This is due to variations in the manufacture of the lens. If you are close to one of the endpoints you should verify with your unit that the image is the proper size at the proper distance.

800.328.1371 | www.3m.com/meetings

Specifications subject to change without notice.

Hg—LAMP CONTAINS MERCURY. Manage in accordance with disposal laws. See www.lamprecycle.org or call 1-800-328-1371(USA), 1-800-364-3577 (Canada). For product disposal see www.eiae.org (USA) or www.epsc.ca (Canada).



3M Projection Systems

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