

# X20 & X21

InFocus Xseries

## A Shared Vision

Introducing the InFocus X20 and X21 digital multimedia projectors – designed for collaborative environments, including the office, classroom, home theater or large-format public display. As an all-new take on affordable, high-quality digital projection the X20 & X21 feature advanced DLP® technology in a compact size with an integrated audio system and secure installation options. For further simplicity, the multifunction remote control slides into the projector chassis for storage and transportation.



## Performance Factor

The search for a steady-performing, reliable projector ends here and it is completely affordable. The X20 & X21 feature 2000 Max ANSI Lumens and an 2000:1 Contrast Ratio which equates to bright images with lush color saturation and deep black levels, even in meeting spaces with present ambient light. The X20 & X21 utilize the latest BrilliantColor™ technology to output true-to-life colors and shades through a wide, short throw lens, providing big image flexibility to smaller rooms.

## Contributing More

Nearly all computers utilize a VGA output for monitors and projectors, so the X20 & X21 host VGA input for data presentations, along with S-video and composite video inputs for multimedia presentation material from a DVD player, camcorder or digital camera. These projectors offer onboard serial input for IT integration applications - providing full functionality with maximum flexibility at an affordable price. Also, the X20 & X21 beautifully project video content, so when business ends on Friday feel free to enjoy these projectors at home.



### On the Move

The compact nature of the X20 & X21 make these projectors functional in any meeting space or in the home & enable portability from room to room.

## X20 Overview

The X20 is an ideal first step into digital projection. It features SVGA resolution, which is an outstanding introduction to digital projection. The X20 has impressive brightness and contrast and all the connectivity options necessary to be truly effective in every meeting.

## X21 Overview

The high resolution counterpart of the lineup, the X21 features the same impressive brightness and contrast as the X20 but with XGA resolution to provide more detail and clarity on the same screen. Most portable computers operate with XGA resolution, so the X21 will connect and project from laptops without any further adjustments.



### Wireless Ready

The X20 & X21 are 100% compatible with the LiteShow II wireless adaptor, offering full featured wireless functionality of data, video and audio transmission to these versatile new projectors.

## The Highlights

- 2000 Max ANSI Lumens
- 2000:1 Contrast Ratio
- Onboard 2.0W audio
- Filter-Free design
- DLP® SVGA & High Resolution XGA chipsets
- Tabletop, Ceiling-mount and rear projection available within factory settings
- 4.5 Lbs (2 kg) in a compact form-factor



## TECHNICAL SPECIFICATIONS\*

Native Resolution	<ul style="list-style-type: none"> <li>X20 • 800x600 (SVGA)</li> <li>X21 • 1024 x 768 (XGA)</li> </ul>
Display Technology	• 0.55" LVDS DLP® DMD w/ BrilliantColor™ from Texas Instruments™
Input Sources	• VGA (HD15), S-video, Composite Video, Audio (3.5mm), RS232
Output Sources	• VGA (HD15)
Computer Compatibility	• VGA(640x480), SVGA(800x600), XGA(1024x768), SXGA(1280x1024), SXGA+(1400x1050)- X7 only
Video Compatibility	• NTSC, NTSC 4.43, PAL, PAL-M, PAL-N, SECAM, SDTV(480i/576i), EDTV(480p/756p), HDTV(720p1080i)
Brightness	• 2000 lm
Contrast Ratio	• 2000:1
Number of Colors	• 16.7 million, True Color
Color Wheel	• 5 Segment (RGBYW)
Brightness Uniformity	• 80%
H-Synch Range	• SVGA: 31.35 ~68.7 kHz; XGA: 31.35~80kHz
V-Synch Range	• 56 ~85Hz
Dot Clock	• 13.5 MHz-140 MHz
Digital Keystone Correction	• +/- 15 deg.(vertical)
Standard Projection Lens	• F number: 2.41~2.55 @ 2.36m • Focal length: 21.8 ~24mm @ 2.36m
Zoom Ratio	• 1.1x manual zoom
Throw Ratio	• 1.95 ~ 2.15 (distance/image width)
Minimum Projection Distance	• 1.2 ~ 10m
Lens Offset	• 115%
Aspect Ratio	• 4:3/16:9
Image Size (diagonal)	• 0.75m ~ 6.5m (27" ~ 252")
Projection Methods	• Front, Rear, Ceiling-front, Ceiling-rear
Audio	• 2.0W speaker (mono)
Control	• PC control through RS232
Lamp	• 160W
Security	• Kensington slot
Product Dimensions	• 10.7" x 8.0" x 3.5" (WxHxD) 272 x 205 x 89.6mm
Product Weight	• 4.5 lbs (2.0 kg)
Product Color	• Black
Power Consumption	• 205W +/-10% @ 110Vac
Power Supply	• 100~240Vac, 50/60Hz
Operating Temperature	• 5 - 35 °C
Menu Languages	• English, German, French, Italian, Spanish, Swedish, Portuguese, Russian, Chinese (simplified), Norwegian, Finish, Danish, Polish, Turkish, Portuguese, Dutch
Audible Noise	• 36dB(A)
Approvals	• UL/cUL, FCC, CE, CCC, PSB, MIC, EK, GOST
Product Warranty	• 1 year parts and labor
Lamp Warranty	• 90 Days

\* Actual lamp life may vary based on the ambient environment. Conditions affecting lamp life include temperature, altitude or rapidly switching the projector on and off.

+ InFocus reserves the right to alter product offerings and specifications at any time without notice.

++ Product warranty may vary per region.

## SHIPS STANDARD WITH:

- Wireless Remote Control (including batteries)
- Computer Cable
- UK Power Cord
- User Guide (Multi Language CD)
- Quick Start, Safety, Warranty & Registration Cards (printed)

## OPTIONAL ACCESSORIES

- Ceiling Mount
- Projection Screens
- Performance Cables & Adaptors
- InFocus LiteShow II Wireless Adaptor
- Carrying Cases

## LONG TERM CUSTOMER CARE

If you're happy, InFocus is happy. That's why every InFocus X20 & X21 projector come with a standard 1-year limited factory warranty (including parts and labor) and a 90 days limited lamp-replacement warranty. Extended product & lamp warranty programs are also available.

For more information about warranty and service programs in your region, please visit:

[www.infocus.com/service](http://www.infocus.com/service)



**InFocus**  
The Big Picture

[www.InFocus.com](http://www.InFocus.com)

**InFocus Corporate Headquarters:** 27500 SW Parkway Avenue  
Wilsonville, Oregon 97070-9215, USA • Phone: (1) 503-685-8888  
(1) 800-294-6400 • Fax: (1) 503-685-8887

**In Europe:** InFocus International BV • Louis Armstrongweg 110 • 1311 RL Almere  
The Netherlands • Phone: (31) 20 5792000 • Fax: (31) 36 5392999  
Freephone: 008000 4636287 (008000 INFOCUS)

**In Asia:** 19 Tanglin Road • 7<sup>th</sup> Floor  
Singapore 247909 • Telephone: (65) 6334-9005 • Fax: (65) 6333-4525