



**D220MX XGA DLP™**  
Intelligent Palm-size Metal-alloy Projector

Actual Size 195mm x 162mm x 53mm

900 grams feather weight

### Palm-size Projector

Smart effective & efficient operation functions



- 1 Auto Image Optimization
- 2 Auto Input Search
- 3 Auto Power Saving
- 4 Intelligent Cooling System



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# Vivitek D220 Series



## Palm-size and Quality Performer • *Efficient, Effective, Elegant*

Vivitek D220MX is a palm-size but powerful and advanced functional projector. Featherweight at merely 0.9 Kg/1.98lbs, it packs auto source detection and auto image optimization setup, vivid images with 1600 ANSI lumens, 1024 x 768 native resolution scalable to 1280 x 1024 delivering stylish appearance. Smart cooling system features further saves wrap-up time for presenter. D220MX is an ultimate portable projector for the frequently on-the-move presenters.

### Operate with ease and efficiency

#### Password Authentication System

Vivitek D220 series has a built-in password authentication system, which can increase the security level and also assist the user to prevent unauthorized usage of the projector.  
\*Please read the manual for further details.

#### Auto Input Search

Detects the presence of a connected input signal automatically and enables images to be projected instantly when the projector is powered on or when the source button on the keypad is pushed.



#### Auto Image Optimization

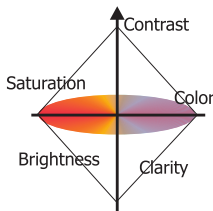
Smart Auto Image Optimization function auto sizes and adjusts images for optimum picture performance, allowing users to fully concentrate on their presentations rather than time-consuming manual adjustments.



#### Customize your own startup screen

Finally! Users can now have their projectors' startup screen setup with their own favorite images to have their presentations stand out from the pack.

\*There is a size limitation for the startup screen image.



### Dazzling image performance

#### CEP

(Color Evolution Processing for authentic colors)

Marvel at the stunning image colors produced by the CEP (Color Evolution Processing) technology developed by Vivitek. CEP elevates the color performance of Vivitek products via unique techniques and algorithms, and reproduces vivid and lifelike colors similar to those displayed by the Trinitron technology.



#### Progressive scan

Texas Instruments' advanced DDP2000 processing chipset provides quality progressive scan function to deliver smooth video contents.

#### Superb picture clarity

Vivitek D220 series utilizes a DLP super grade-A DMD display chip, which is engineered to remove visible pixel gaps in projection images and, to deliver super contrast levels and optimum clarity for image or video contents. With DLP technology, users enjoy higher clarity, higher contrast, and richer colors in their presentations.

#### Professional 7-colors adjustable settings



In addition to 3-colors (RGB) adjustable setting that common projectors can serve, Vivitek paced the industry by providing up to 7-colors adjustable settings including Red, Green Blue, Cyan Magenta, Yellow and White. This professional function allows users to further tune colors to their favored details and levels.

### Cool extras

#### Lightweight, durable

Featherweight at 900g  
Weighing in at a mere 900g, the Vivitek D220 series is truly designed for the *ultimate* portability and convenience without sacrificing high quality performance.

#### Palm-size B5 footprint

With a footprint as small as a B5 paper, the Vivitek D220 series has a *palm-size* structure molded for extremely easy handling and placement in tight spaces.

#### 3,000 hours long-life lamp

Long-life lamp is now implemented to help users further reduce maintenance costs and save more.

#### Extra helpers

##### Digital Zoom function

The digital zoom function allows users to select and zoom in on a specific part of the presentation image to emphasize on that specific detail.

##### Freeze function

This function allows users to instantly freeze an image being projected while they flexibly access their PC to modify their presentation contents or setup for the next-to-be projected image.

##### Blank function

Users can use the "Blank" function to instantly project a blank image during the presentation, and get attention focused onto the presenter. A selection of 5 different colors (black, red, green, blue, white) is available for the blank page setup.

##### GAMMA pre-set modes

Vivitek D220 series has optimized 5 pre-set modes (PC mode, Mac mode, Chart mode, Video mode, Black & White mode) ready for different projection applications.

##### HDTV Ready & HD signals compatible

Vivitek projectors are compatible and can display high definition HDTV and DVD progressive signals in both traditional and wide-screen formats (4:3/16:9).

##### Security Lock

Users can connect a security cable to the projector's Kensington lock for theft prevention.

### Made for the environment & your health

#### RoHS & WEEE Compliance



Vivitek leads the way in introducing healthy and safe projector products free of lead and hazardous substances. Every user can operate Vivitek projectors without concerns of hazardous impact on their health and on the environment. Vivitek projector products are strictly compliant with the RoHS & WEEE regulations.

#### Auto Power Saving

Dedicating to power conservation, the Vivitek D220 series can be activated to automatically shut-off when detecting that the projector is idle for 10 minutes without any signal source inputs.

#### Intelligent Cooling System

Vivitek D220 series implements a built-in intelligent cooling system that can sense and adjust power levels used by internal cooling devices within according to fluctuating temperature conditions within.

#### Ecology-Conscious Design and Manufacturing

VIVITEK works from every aspect to minimize the environmental impact in the product design, production, and delivery processes, and in the performance of the product itself over its life cycle. All VIVITEK products reflects the following ecological protection efforts:

- >> Lead-free solder is used for soldering all parts including circuit component electronics.
- >> No halogenated flame-retardants are used in the cabinet.
- >> No polystyrene foam is used in the packaging materials.
- >> Lead-free glass is used for the lens.
- >> Recycled paper is used in the user manuals and packing cartons.
- >> Hi-efficiency power switching further reduces power consumption.
- >> Intelligent Cooling System prevents excess power consumption.

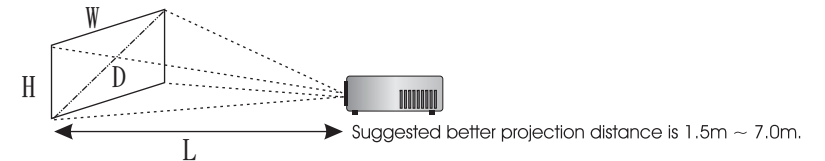


D220	
Display Technology	0.7" 12° X DDR DLP
Resolution	XGA 1024 x 768 Native, Supports up to SXGA 1280 x 1024
Throw Ratio	1.80 - 2.10
Brightness*	1600 ANSI Lumens*
Lamp	150W VIP OSRAM
Contrast	2000:1
Uniformity	90%
Lens	Manual Zoom and Focus (F# = 2.6~2.9, f (EFL): 25.801mm~30.00mm)
Aspect Ratio	4:3 & 16:9
Projection Methods	Front / Ceiling-front / Rear / Ceiling-rear
Digital Keystone Correction	+/- 12° (Vertical)
Computer Signal Compatibility	IBM PC or Compatible (VGA, SVGA, XGA, SXGA) Horizontal Frequency: 15, 31 - 90KHz / Vertical Frequency: 50 - 85Hz
Video Signal Compatibility	NTSC/PAL/SECAM / 480i, 480p, 720p, 1080i
Computer Signal Input/Output	DVI-I x 1
Video Signal Input/Output	mini Composite x 1, S-Video(Through mini Composite), Component Video(Through DVI-I)
Audio Input/Output	Stereo Mini-jack x 1
Control Input/Output	Mini B-type USB x 1
Fan Noise	32 dB
Speaker	0.5W x 1
Power Requirements	100-240VAC
Power Consumption(Status)	190W(Normal), 165W(Eco), 8W(Standby)
Security	Kensington Lock, Password Authentication System
Dimensions (W x H x D)	195mm x 162mm x 53mm
Weight	0.9 Kg
Operating Temperature	5° ~ 35°
Operating Humidity	5% ~ 85%
OSD Menu Languages	English, French, German, Italian, Spanish, Swedish, Chinese-Simplified, Chinese-Traditional, Japanese, Korean, Portuguese, Russian

\* Specifications are subject to change without prior notice.

Projection Distance L	Maximum 4:3 Projected Screen			Maximum 16:9 Projected Screen		
	Diag. [D]	Width [W]	Height [H]	Diag. [D]	Width [W]	Height [H]
1.00m(3.28')	0.69m(27.34")	0.56m(21.87")	0.42m(16.40")	0.60m(23.43")	0.48m(18.75")	0.36m(14.06")
1.50m(4.92')	1.04m(41.01")	0.83m(32.81")	0.63m(24.61")	0.89m(35.15")	0.71m(28.12")	0.54m(21.09")
2.40m(7.87')	1.67m(65.62")	1.33m(52.49")	1.00m(39.37")	1.43m(56.24")	1.14m(44.99")	0.86m(33.75")
2.80m(9.18')	1.94m(76.55")	1.56m(61.24")	1.17m(45.93")	1.67m(65.62")	1.33m(52.49")	1.00m(39.37")
3.20m(10.50')	2.22m(87.49")	1.78m(69.99")	1.33m(52.49")	1.90m(74.99")	1.52m(59.99")	1.14m(44.99")
3.60m(11.81')	2.50m(98.43")	2.00m(78.74")	1.50m(59.06")	2.14m(84.36")	1.71m(67.49")	1.29m(50.62")
4.00m(13.12')	2.78m(109.36")	2.22m(87.49")	1.67m(65.62")	2.38m(93.74")	1.90m(74.99")	1.43m(56.24")
4.40m(14.43')	3.06m(120.30")	2.44m(96.24")	1.83m(72.18")	2.62m(103.11")	2.10m(82.49")	1.57m(61.87")
4.80m(15.74')	3.33m(131.23")	2.67m(104.99")	2.00m(78.74")	2.86m(112.49")	2.29m(89.99")	1.71m(67.49")
5.20m(17.06')	3.61m(142.17")	2.89m(113.74")	2.17m(85.30")	3.10m(121.86")	2.48m(97.49")	1.86m(73.12")
5.60m(18.37')	3.89m(153.11")	3.11m(122.48")	2.33m(91.86")	3.33m(131.23")	2.67m(104.99")	2.00m(78.74")
7.00m(22.96')	4.86m(191.38")	3.89m(153.11")	2.92m(114.83")	4.17m(164.04")	3.33m(131.23")	2.50m(98.43")
10.00m(32.80')	6.94m(273.40")	5.56m(218.72")	4.17m(164.04")	5.95m(234.35")	4.76m(187.48")	3.57m(140.61")

The above values shown are approximate. Errors and omissions accepted.



### Standard accessories

- . Full-feature remote control
- . Portable soft carrying case
- . Quick Start Guide
- . User's Manual
- . AC power cable
- . Computer cable (DVI-I connector to DB-15 connector)
- . S-VIDEO cable (mini-din connector to S-video connector)
- . USB cable (mini-din connector to Type B connector)
- . Video cable (mini-din connector to RCA connector)



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**China Projectors Group**  
 Room 207, 2/F., Block B,  
 Seaview Estate, Watson Road,  
 North Point, Hong Kong.  
 Tel: 852-28875151  
 Fax: 852-25031144  
 E-mail: [jng@chinaprojectors.com](mailto:jng@chinaprojectors.com)

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