vivitek®
Vivid Color, Vivid Life

Visual Display and Presentation Products

10 years in EMEA

A brand of DELTA

Visual Display and Presentation Products

Vivitek, a brand of Delta, is a leading manufacturer of visual display and presentation products. The company's extensive lineup of award-winning digital projectors, collaboration solutions and digital signage devices incorporate the latest innovations and technologies to deliver superior products.

Vivitek has global sales and marketing operations in Europe, the Middle East, Africa, Asia and the Americas, and is renowned for providing the industry's best warranties and innovative solutions.

Delta, founded in 1971, is a global provider of power and thermal management solutions and a major player in several product segments such as industrial automation, displays, and networking. Its mission statement, "To provide innovative, clean and energy-efficient solutions for a better tomorrow," focuses on addressing key environmental issues such as global climate change. As an energy-saving solutions provider with core competencies in power electronics and innovative research and development, Delta's business domains include Power Electronics, Automation, and Infrastructure.

Delta has 169 sales offices, 69 R&D centres and 37 manufacturing facilities worldwide.

Throughout its history, Delta has received many global awards and recognition for its business achievements, innovative technologies and dedication to corporate social responsibility.

Since 2011, Delta has been listed on the DJSI World Index of Dow Jones Sustainability™ Indices for eight consecutive years. In 2017, Delta was selected by CDP (formerly the Carbon Disclosure Project) for its Climate Change Leadership Level for the second consecutive year.

Projection and Display Solutions for Every Application and Budget

Through out the years, Vivitek has come to understand the unique challenges of every market and applies that knowledge into products designed to excel in a wide variety of environments.

Projectors

Years of successful product and technology innovations, have resulted in innovative, high quality products for a variety of userneeds, ranging from large venue, business, education and home entertaining.

Digital Signage

NovoDS digital signage is a very affordable and easy to manage solution which is ideal for creating dynamic visual displays for a corporate or public space.

NovoConnect Collaboration Solution

NovoConnect collaboration solutions allow interactive, collaborative, and productive meetings. NovoConnect transforms conference rooms into a true collaborative spaces.

Video Wall Solutions

Vivitek's parent company Delta, offers a wide selection of off-the shelf visualization products and control systems designed to deliver optimal performance, reliability, and energy efficiency across a variety of indoor, outdoor, public, and commercial applications.

Markets Vivitek Serves

Large Venue

Education

Corporate

Home Cinema
& Entertainment

Display Solution

Large Venue & Mapping

With customers and their diverse application requirements in mind, Vivitek strives to address these unique needs with a broad range of display technologies and projectors.

Vivitek projectors captivate audience in venues where the show can't stop and reliability is key. With Vivitek projectors many different stunning environments can be designed. Unprecedented image clarity and brightness, built for intensive use, and a low cost of ownership provide venues with a highly reliable and interactive experience.

Vivitek DU9800Z

Iceland's Lava Centre Uses Vivitek's Powerful Projection Forces

Lava Centre offers an interactive, high-tech educational exhibition depicting volcanic activity and earthquakes. Today with 15 Vivitek's laser projectors and a wide range of lenses the Lava Center demonstrate the volcanic elements and ensures an unforgettable and realistic guest experience.

Robust Anti-Dust Sealed Optical Engine Design

The projector's reliability is ensured thanks to its air tight sealed optical engine which eliminates negative dust impact and increases light efficiency. The benefit to end users of it being air-tight, is that tiny dust particles cannot get into the optical engine part, and thus not able to interfere with the DMD chip, which makesthe projector much more robust. A further advantage is the improved light efficiency, as the light path to the DMD is not affected by dust particles, which ensures a higher brightness level.

Laser

Vivitek's laser series includes high performance projectors that can be relied on to create an unforgettable and realistic experience, while providing reliability, durability and ease of use. Laser projectors are capable of maintaining brightness and colour consistency over long periods of use, making them an excellent long term proposition. Flexible to use, with high brightness and low total cost of ownership, laser projectors have quickly become the optimal projection choice for a diverse range of applications.

Constant Brightness Feature

The projectors are equipped with smart sensors, constantly measuring the light output and adjusting the illumination accordingly to maintain consistent brightness at a predefined level. This helps to reduce the recalibration cycle of an edge blending project.

Roman Barcelona Comes to Life Using Vivitek Projectors

Vivitek's high brightness and versatile projectors combined with great flair and imagination were the key to Ignis Fatuus during the annual light festival in Barcelona. For a demanding light outdoor installation designed to remember the Roman history of the city, eight edge-blending projectors were used. The projected image created dramatic effects to evoke the historical Roman themes.

Large Venue & Mapping

DU9000Z Series

18,000 – 21,500 Lumen
WUXGA

DU8000Z Series

8,000 – 13,500 Lumen
WUXGA

DK Series

7,500 – 10,000 Lumen
4K-UHD

TARGET	Large Venue & Mapping		
	Museum, Auditorium or Large Room		
DURABILITY	Laser Light Source		
	Anti-Dust Sealed Optical Engine		
	Liquid Cooling System & Superior Thermal Technology and Performance		
	24/7 Operation & 360° Projection		
FLEXIBILITY	5 Lenses	8 Optional Lenses	
	Motorized Lens shift & Zoom & Lens Position Memory		
	Image Adjustment – Geometry, Keystones, 4-Cornor Correction		
	Built-in Edge Blending		
	3G-SDI & HDBaseT for long signal transmission without compromise		
FEATURES	Customizable Brightness Level & Constant Brightness Function to reduce re-calibration		
	DICOM Simulation Mode for medical training and seminars		
	Picture-in-Picture function for multi source		
	Auto Power Off - No Signal Power Off		
	Special Rental Usage Lock		
RANGE	Vivitek's flagship projectors. The first super high brightness laser projectors with Single-Chip DLP • Special rental partner feature to customize • brightness level and lock it with time lock for the rental period	Laser projector range from 8,000 to 13,500 lumen, covering different needs of installation projects Proven outstanding light efficiency and performance	Every detail matters - full 8.3 pixels on the screen Ideal for museum application
	• DU9821Z: 21,000 lumen • DU9800Z: 18,000 lumen	• DU8195Z: 13,500 lumen • DU8193Z: 12,000 lumen • DU8190Z: 10,000 lumen • DU8090Z: 8,000 lumen	• DK10000Z • DK8500Z

A brand of DELTA

Conference and Meeting Rooms

D3600Z Series

With a diverse projector line up, Vivitek serves conference rooms to large venues. Reliable and feature-rich projectors amplify presentations with impactful and clearly defined visuals.

9800 – Meeting room Vivitek offers powerful, feature-rich projectors so every audience member can appreciate your presentation.

How to Choose the Right Projector for the Meeting Room

Choosing a new projector can be a complicated process. To narrow down what may seem like an impossibly long list of options, here are five things to consider when choosing a meeting room projector.

Size

Projectors are available in a wide variety of sizes, ranging from large, high-end units to small portable units. If you plan on installing the unit in a conference room, consider a larger ceiling-mounted unit. The interior design and ceiling height of the meeting room are also factors to think about. A compact size projector has a small footprint, meaning it is ideally suited for use in meetings and lessons because it is not burdened by any unnecessary bulk, which can be a factor in full and busy rooms where space is at a premium.

Resolution

Projectors are available in a wide variety of resolutions, from XGA to WXGA, to 1080p, WUXGA, and 4K-UHD. It's best to start by thinking about how the projector will be used. Larger screens and video content are better suited to 1080p projectors, while 4K-UHD projectors are the new trend for very large screens or graphically-intense multimedia content.

Brightness

The brightness you need depends entirely on where you intend to use the projector. For typical use in a mid-sized meeting room, consider looking at least 4,000 to 6,000 lumens, or even higher for spaces receiving more natural light.

Connectivity

Last but not least, don't forget to consider what kind of computer, mobile device, or media source you'll be using and how to connect it to the projector. If you anticipate the need to connect your projector to a range of different devices, think about adding wireless connectivity, such as Vivitek's NovoConnect to, connect multiple devices wirelessly.

Meeting Room & Installation

	D6600Z Series	D6700 Series	D7000Z Series	D5600 Series	D4000Z Series	D3300 Series	D3600Z Series
	7,000 Lumen WUXGA	6,500 Lumen WUXGA	6,000 Lumen WUXGA	6,200 Lumen WUXGA	5,000 - 5,500 Lumen WUXGA, 1080p	5,000 - 5,500 Lumen WUXGA, 1080p	4,000 Lumen 1080P
TARGET	Corporate Meeting Room Installation						
	Mid to Large Meeting Room				Mid-Size Room		Small-Size Room
DURABILITY	Laser Light Source	Dual-Lamp	Laser Light Source	Single-Lamp	Laser Light Source	Single-Lamp	Laser Light Source
	Anti-Dust Sealed Optical Engine				Anti-Dust Sealed Optical Engine		
	Optional Lens				Fixed Lens		
FLEXIBILITY	Motorized Lens Shift & Zoom		Manual Lens Shift & Zoom				
	Image Adjustment - Horizontal and Vertical Keystones & 4-Cornor Correction						
	HDBaseT for long cabling installation						
FEATURES	Compatible with NovoConnect Solution for Wireless Presentation and Collaboration						
	DICOM Simulation Mode for Medical Training and Seminars						
	Eco Friendly Auto-Power-Off When There Is No Signal Input						
			Built-in Speaker to Ensure Your Message Is Well Delivered				
RANGE	• Advanced thermal performance • Super silent laser installation projector at only 32dB normal mode	• High efficiency dual-lamp projector for mission critical presentation	• Ideal laser projector designed for office space and comes in white and black chassis • Rec.709 color space for true-to-life color reproduction	• First choice as interchangeable-lens lamp projector to fit different installation distance	• Compact sized laser projector with fixed lens at 1.15-1.90 throw ratio, covering major meeting room set up	• Compact lamp projector with fixed lens at 1.25 - 2.13 throw ratio to fulfill standard meeting room	• NovoProjector with built-in NovoConnect Solution for All-in-One wireless presentation & collaboration solution
	• DU6693Z	• DU6671	• DU7095Z	• DU5671	• DU4671Z • DH4661Z	• DU3341 • DH3331	• DH3665ZN • DH3660Z

Compact & Multi-Purpose

	D700Z Series	D900 Series	D800 Series	D200 Series
	3,100 - 4,000 Lumen 1080p	4,800 - 6,000 Lumen WUXGA, 1080p, XGA	4,500 - 5,000 Lumen 1080p, XGA	3,200 - 3,500 Lumen 1080p, WXGA, XGA, SVGA
TARGET & TECHNOLOGY	Lobby & Museum	Multi-Purpose		
	Small to Mid-Size Room			
	Laser Light Source	Single-Lamp		
FLEXIBILITY	Ultra Short Throw Lens 0.25:1			Short Throw Lens
		Normal Throw Lens		
		Vertical Lens Shift		
	Image Adjustment - Horizontal and Vertical Keystones & 4-Cornor Correction	Image Adjustment - Vertical Keystone		
	LAN			
FEATURES	Compatible with NovoConnect Solution for Wireless Presentation and Collaboration			
	Eco Friendly Auto-Power-Off When There Is No Signal Input			
	Built-in Speaker to Ensure Your Message Is Well Delivered			
RANGE	• Impressive ultra short throw lens with screen size of 80" up to 150" at 41cm distance • Ideal for projecting large image from a limited space • Rec.709 color space for true-to-life color reproduction (DH768Z)	• High brightness at compact size 3.95kg • Flexible installation with its vertical lens shift	• Small form factor ideal to blend in to the office space white ceiling in a standard small sized meeting room • Built-in 10W speaker to delivery message to the audience	• Highly portable at only 2.6kg. Easy for storage when not in use. • Short throw lens provides flexibility at small office space
	• DH765Z • DH768Z	• DU978 • DH976 • DX977	• DH833 • DW832	• DW282ST • DX281-ST • DH268 • DW265 • DX263 • DS262

Home Cinema

Vivitek H1188

Vivitek offers professional grade projectors specifically designed for an immersive home entertainment experience. Our projectors feature the latest innovations in projection technology, making Vivitek a brand of choice for home theater enthusiasts.

Home Cinema

H1188
2,000 Lumen 1080p

TARGET	Home Entertainment
	Ideal for Large and Vivid Projection to Enjoy Your Favorite Movies and Shows
FLEXIBILITY	Manual Lens Shift for Easy Placement
	Quick Image Adjustment with Vertical Keystone Correction
	12v Trigger to Link with Other Equipments
	Convenient Built-in 10W Speaker
FEATURES	Motion Enhancement with VividMotion Frame Interpolation Function Reducing Motion Judder to Create a Fluid and Flawless Video
	Sharpness Enhancement with VividPeak Function Improving Edges and Clarifying the Texture and Appearance to Create Fine Details
	Customize the Color to Your Taste with Advanced Color Management
	Compact Sized at 3.15 Kg to Perfectly Fit into Your Living Room
	Sealed Optical Engine to Minimize the Impact of Dust

Home Entertainment and the Ultimate Portability with Qumi

The Qumi is a feature-rich, multimedia pocket projector series with an ultra-light and thin profile. Business travelers and home entertainment enthusiasts will find Qumi to be the ideal portable companion. Qumi is available in a wide variety of exciting colors that pop as bright and dazzling as the images they project.

Home Cinema

Qumi is ideal for those who want to create a home cinema but without the cost, complexity or the permanent presence of having a large TV installed. It's suited to rooms and spaces of all sizes.

Entertainment and Gaming

Qumi series make it easy to gather with friends and enjoy time spent in front of the big screen, sharing pictures, movies or enjoying gaming without any constrains. The Qumi Q38 boasts full flexibility with an embedded battery that lasts up to two hours

Business

With Qumi business on-the-go is made possible thanks to high quality performance and is easy to set up for your presentation in any meeting space.

Home Entertainment

	Qumi Q8 1,000 Lumen 1080p	Qumi Q6 800 Lumen WXGA	Qumi Q38 600 Lumen 1080p	Qumi Q3 Plus 500 Lumen HD720p
TARGET & TECHNOLOGY	Home Entertainmnet			
	LED Light Source for 30,000 Hours Operation			
FLEXIBILITY	Auto Vertical Keystone Correction			
	Horizontal Keystone Correction			
FEATURES	PC Free Multimedia Player and Document Viewer			
	Built-In Wi-Fi Connection			
	Built-in Speaker			
			Bluetooth Audio-Out to Connect to External Speaker	
			Android Operating System	
			USB or Bluetooth Mouse & Keyboard Compatibility	
	Eco Friendly Auto-Power-Off When There Is No Signal Input			
	Optional Battery		Embedded battery	

Education

From the classroom to the university lecture hall, Vivitek projectors help teachers capture the attention of their students, convey information, and guide collaborative discussions. The interactive projectors provide the perfect motivator for effective student participation.

Vivitek's line of interactive projectors enable teachers easily interact with students, using pen or finger-touch interactive capabilities, to enhance the learning experience.

Education Warranty Program

Investigating in projection equipment is an important decision. With an industry-leading 5 warranty program for all education institutions EMEA region, our projectors are recognized for quality, performance and reliability. For more information visit: **http://www.vivitek.eu/support/warranty/**

Education Projectors

	D770 Series 3,500 Lumen WXCA	**D750 Series** 3,300 – 3,500 Lumen 1080p, WXCA	**D800ST Series** 3,300 – 3,600 Lumen WXCA, XCA
TARGET & TECHNOLOGY	Education		
	Small to Mid-Size Classroom		
	Single-Lamp		
FLEXIBILITY	Ultra Short Throw Lens to Make 100-inch Screen at Only 44cm Away		Short Throw Lens
	Image Adjustment – Vertical Keystone		
	Network Ready for Integration and System Administration via LAN		
FEATURES	Choice of Built-In Interactivity with Pens or Fingers		
	Compatible with NovoConnect Solution for Wireless Presentation and Collaboration		
	Eco Friendly Auto-Power-Off When There Is No Signal Input		
	Loud Speakers and Microphone Input Ensure You Are Clearly Heard		
	5-Year-Education-Warranty		
RANGE	• Long lasting life with up to 6,000/12,000 hours lamp-life for low total cost of ownership • The latest dual HDMI 2.0 • Infrared interactivity at higher frequency to reduce signal interference	• Lamp life up to 5,000/10,000 hours for low total cost of ownership • Dual HDMI 1.4 connectivity	• Short throw ratio at 0.52:1 and 0.62:1, making 100" screen at around 1 meter more distance • Light weighted at just 3.2kg for easy portability
	• DW771USTi • DW770UST	• DW770UST DH758UST • D756USTi • D757WT	• DW882ST • DX881ST

Wireless Presentation & Collaboration Turns Classrooms Into Collaboration environments

Whether it's a teacher delivering a lesson, explaining the study goals for the week, or students sharing homework results with their fellow classmates, connecting and sharing content is quick and simple.

Nowadays social media, videos and other online resources are a vital part of the educational experience. Vivitek's NovoConnect Collaboration Solution allows students to contribute during the lecture, while keeping educators and administrators in full control of content.

NovoCast

NovoCast brings wireless presentation to the classroom in order to improve participation, collaboration and sharing of ideas for up to eight participants. This device is a perfect solution for all educational needs. It creates a common creative space, improves the fluid exchange of thought and encourages constructive dialogue. We try to provide an opportunity for the educators to make their classes as engaging as possible and to involve the greatest amount of students.

Connect

Connect to share content and mirror any device directly onto the big screen in meetings and lectures.

Teach

Work with up to 64 participants sharing screens from up to four devices with cross-platform screen mirroring

Share

Share ideas and files instantly with all participants, so no one is out of the loop.

NOVO CONNECT SOLUTION

NovoConnect Collaboration Solution

Presentation & Collaboration Solution for Conference & Meeting Rooms

Optimized to meet the technical and logistical challenges of corporate environments, Vivitek display and collaboration solutions aim at coordinating teams and ensuring effective collaboration. From small brainstorming sessions to big board meetings, NovoConnect in combination with Vivitek's projectors offers an effective way to collaborate.

CONNECT

With NovoConnect Collaboration solutions anyone in a meeting room can connect their tablets, phones or laptops present content to the main screen and collaborate.

SHARE THE CONTENT

When it comes to collaboration sessions, more participants means more valuable opinions and more great ideas.

To support as many simultaneous users as possible, NovoConnect can accommodate up to 64 connected participants and can display up to four screen mirrors across a single display. This allows for easy comparing across screen sources and for everyone in the room to get involved in discussions.

ANNOTATION AND POLLING

The presenter of the content can choose to use the annotation option or the polling and voting feature.

TOUCH SUPPORT

NovoConnect comes with function that allows presenters to control any application on a laptop without using the computer mouse.

Direct connection with Launcher

Using Launcher guests or team members can instantly connect to the NovoConnect unit from their laptops without installing any software. A choice of all three models: **LauncherOne, LauncherPlus** and **LauncherPlus USB-C** can be used to accommodate different user needs in the meeting room, for guests or for internal staff.

LauncherOne is specifically designed for companies with strict Data Loss Prevention (DLP) and IT security policies that lock USB ports for storage devices. The LauncherOne enables meeting connectivity and collaboration while maintaining full data integrity and network security.

NovoProjector

The newest addition to Vivitek's collaboration range is the NovoProjector. A new generation of smart projector designed for corporate meeting rooms that matches high performance with a compact and small footprint, and also up to 20,000 hours of operation thanks to its laser light source. The wireless collaboration NovoConnect Solution is embedded within the projector and offers flexibility and ease of use.

NOVO CONNECT

NovoTouch Flat Panels

NovoTouch Collaborative and Interactive Flat Panels

NovoTouch is a powerful collaboration solution that is ideal for conference rooms, meeting areas and corporate lobbies. NovoTouch Flat Panel is an all-in-one premium choice featuring an interactive screen available in various sizes.

- 4K-UHD (3,840 x 2,160) resolution for outstanding details and stunning visuals
- Complete range of sizes from 65”, 75”, 86”, to 98” with LED backlit technology for brighter picture, longer life and lower energy cost
- An anti-glare surface improves the screen visibility in high ambient light environments and a thick toughened glass provides added protection against screen damage

Equipped with Vivitek’s NovoConnect Solution, NovoTouch panels offer an advanced approach to group work in an all-in-one display. Featuring digital annotation and wireless capabilities, NovoTouch seamlessly connects users to one display, using technology that allows ideas to flow naturally.

NovoTouch also comes with the NovoDS Solution built-in, which can be used as a digital signage display when a meeting is not in session. Additionally, Vivitek’s NovoDS Cloud’s new on-premise capabilities enables compatibility with a company’s own cloud service.

- Connect up to 64 users and display up to four screens, simultaneously, on a large format display
- Built-in whiteboard and touch panel capabilities
- On-screen annotation, mark-up and wireless distribution
- Native screen mirroring via AirPlay and Google Cast
- Dual network support for separate or parallel wired and wireless connections for ultra secure networks
- Optional Accessory: LauncherPlus, a USB device that provides tactile operation without installing the software
- Reduces clutter and promotes a cable-free workplace with Wi-Fi connection and wireless file sharing

Wireless Collaboration Series

NovoTouch Series

NovoProjector

NovoEnterprise

NovoPro

NovoCast

TYPE	All-in-One		Stand Alone Unit		
	Collaborative Touch Flat Panel	Smart Laser Light Source Projector Display	Enhanced Hot Spot Antenna for Guests	Integration into Existing Corporate Network	Hot Spot Antenna for Education
	Small to Mid-Size Meeting Rooms, CEO Office, Huddle Rooms, Ideal for Collaboration and Brainstorming sessions	Mid-Size Meeting Rooms. Bright 4000 lumen FullHD Projector Ideal for Large Image Above 100" Size	Integrate with Existing Display Equipment, Such as Projectors. Suitable for Large Meeting Rooms, Guests Access Discussion Rooms, In Space Where an Enhanced Wi-Fi Is Required	Integrate with Existing Display Equipment, Such as Projectors. Suitable for Every Meeting Rooms from Small to Large, with LAN Integration	Ideal for Classroom Usage, Especially When Wi-Fi is in Need
	Corporate Mode				
	Education Mode				
WI-FI PRESENTING	Cable-Free Wireless Presenting & Screen Mirroring				
	Display 4 Users Simultaneously				
	Up to 64 Participants				Up to 8 Participants
	Cross Platform Capability - Windows, macOS, Android, Chromebook, iOS				
	External Antenna for Enhanced Wi-Fi Hot Spot Mode				
COLLABORATION	Collaboration with AirNote Annotation				
	NTLiveScreen – Screen Duplication for Multiple Units				
	Digital Whiteboard – Streamline Your Ideas				
	NT Minutes - Snapshot & Recording				
					Moderation and Preview Keep Teachers in Control of the Classroom
SECURITY	Dual Network Security to Separate Wi-Fi and Corporate LAN				
	Corporate Grade AES256 Encryption				
	Optional Launcher Series Support for Quick Wireless Connection				
RANGE	• LK6530i: 65" 4K-UHD • LK7530i: 75" 4K-UHD • LK8630i: 86" 4K-UHD • LK9820i: 98" 4K-UHD	• DH3365ZN: 4,000 lumen, 1080p, long lasting 20,000 hours laser light source	• NE3000	• NP2000	• NC1000

Optional Launcher Series

LauncherOne

LauncherPlus

TARGET	Ideal for Corporations with Strict IT Policy and Full Data Lost Protection Compliant Employee Laptops	Ideal for Companies Seek Quick Wireless Presenting and Suitable for Guests Visits
USAGE	Usage Without Administrator Privilege	
	Driver free - HID Direct Plug and Play	
	Cross Platform Capability - Windows, macOS	
	Special Ubuntu 18.04 Support	
FEATURES	Built-In Wi-Fi 802.11 b/g/n	
	Direct Wireless Mirroring to the Main NovoConnect Series Unit	
	Zero Network Traffic Impact	
	Data Security with AES-256 Encryption	
	Available with USB-A Connector	
RANGE		Available with USB-C Connector
		USB Memory Storage
	• WQL-340EUV	• QL300EU • WQL-320EUV

NOVO DS

Digital Signage

Digitize Your Messaging and Transform your Business.

Vivitek's NovoDS range is ideally suited to a wide range of applications and environments. These days, public information needs to be delivered quickly and accurately. Whether you want to promote, advertise, entertain or provide messaging, Vivitek provides solutions from content organization, display and content management.

NovoDS Cloud

For remote device and content management over the internet. This easy-to-use, role-based cloud service enables administrators, publishers, and designers to manage playlists, set up devices, create users accounts, and more from anywhere with an internet connection. The Cloud service is available at NovoDS.com or can be deployed on their own servers.

For customers interested in NovoDS Cloud, they can visit www.NovoDS.com and register for a free trial.

NovoDS Cloud free Trial is available on:
www.NovoDS.com

- Corporate and Hospitality

- Retail

- Education

- Small or Medium-Sized Enterprise

Digital Signage Solution

Model	**NovoDS**4K DS300	**NovoDS** DS200	**NovoDS**mini DS100
Display Resolutions	3840 x 2160 (16:9, 4K-UltraHD at 30 fps); 1920 x 1080 (16:9, 1080p at 60 fps); 1280 x 720 (16:9, 720p at 60 fps)		1920 x 1080 (16:9, 1080p at 60 fps); 1280 x 720 (16:9, 720p at 60 fps)
Output Orientation	Portrait, Landscape		
Media Formats Supported	Images: JPEG, PNG, BMP Video: MP2, MP4, 3GP, AVI, MOV, WMV Audio: MP3, WMA, AAC		
NovoDS Studio Software Operating System Requirement	Windows 7 and above, Mac 10.7 and above		
Input / Output Ports	HDMI Output; HDMI Input; Audio Output Jack; Audio Input Jack; USB 2.0 Type A (x 2); microSD Card Slot; RJ45 with PoE; RS232 Jack; DC Power Jack	HDMI Output; USB 2.0 Type A; microSD Card Slot; RJ45; DC Power Jack	HDMI Output; Audio Output Jack; USB 2.0 Type A; microSD Card Slot; RJ45; DC Power Jack
Storage	Internal: 32 GB (29 GB available for users) External: microSD Card Slot (Up to 32GB), USB Flash Drive	Internal: 8 GB (5.1 GB available for users) External: microSD Card Slot (Up to 32GB), USB Flash Drive	
CPU	ARM Cortex A9 Quad-Core at 1.6 GHz		
Network Connectivity	802.11 AC (2.4 GHz & 5 GHz) Ethernet: 1 Gbps	802.11 AC (2.4 GHz & 5 GHz) Ethernet: 10/100Mbps	Ethernet: 10/100Mbps
Security	Kensington® Security Slot		
Power Supply	100 - 240V AC, 50/60 Hz, DC output: 5V@2A. Power over Ethernet (IEEE 802.3af)	100 - 240V AC, 50/60 Hz, DC output: 5V@2A.	
Power Consumption	< 10W		
Weight	253 g	128 g	178 g
Dimensions (L x W x H)	152 x 113 x 22.5 mm	120 x 75 x 16 mm	100 x 100 x 20 mm
Accessories	AC-DC Power Adapter; HDMI Cable; Power Cable; Mounting Bracket; Document Set		

LENSES

DU9800Z Projector

Lens Type		Ultra Wide Throw	Wide Throw	Standard	Long Throw 1	Long Throw 2
Model		D98-0810	D98-1215	D98-1520	D98-2040	D98-4070
Focus / Zoom Type		Motorized	Motorized	Motorized	Motorized	Motorized
Zoom		1.22x	1.3x	1.33x	2.0x	1.7x
F Number		1.8 - 1.95	2.18 - 2.66	2.17 - 2.65	2.17 - 2.64	2.20 - 2.57
Focal Length (f)		17.95 - 21.93 mm	25.69 - 33.22 mm	31.9 - 42.2 mm	42.6 - 84.8 mm	83.93 - 146.85 mm
Throw Ratio		0.84 - 1.03:1	1.25 - 1.56:1	1.50 - 2.00:1	2.00 - 4.00:1	4.00 - 7.00:1
Image Size	**WUXGA**	40" - 500"	40" - 500"	40" - 500"	40" - 500"	40" - 500"
Projection Distance	**WUXGA**	0.7 - 11.44 m	0.95 - 17.47 m	1.24 - 21.84 m	2.65 - 41.77 m	4.38 - 74.51 m
Order Number		3797805500-SVK	3797859900-SVK	3797886100-SVK	3797893200-SVK	3797858100-SVK

D8000 & D6000 Series Optional Motorised Lenses

Lens Type			Ultra Short Throw	Ultra Wide Zoom	Wide Fix	Wide Zoom	Standard	Semi Long Zoom	Long Zoom 1	Long Zoom 2
Model			D88-UST01B	D88-UWZ01	D88-WF18501	D88-WZ01	D88-ST001	D88-SMLZ01	D88-LOZ101	D88-LOZ201
Focus / Zoom Type			Motorized	Motorized	Motorized	Motorized	Motorized	Motorized	Motorized	Motorized
Zoom			Fixed zoom 1x	1.25x	Fixed zoom	1.41x	1.3x	1.65x	1.5x	1.55x
F Number			2.0	1.96 - 2.3	1.85	1.85 - 2.5	1.7-1.9	1.86-2.48	1.85-2.41	1.85-2.48
Focal Length (f)			5.64 mm	11.3 - 14.1 mm	11.6 mm	18.7 - 26.5 mm	26 - 34 mm	32.9 - 54.2 mm	52.8 - 79.1 mm	78.5 - 121.9 mm
Throw Ratio		**WUXGA**	0.38:1	0.75 - 0.93:1	0.76:1	1.25 - 1.79:1	1.73 - 2.27:1	2.22 - 3.67:1	3.58 - 5.38:1	5.31 - 8.26:1
		WXGA	0.40:1	0.78 - 0.99:1	0.8:1	1.31 - 1.87:1	1.81 - 2.38:1	2.33 - 3.86:1	3.76 - 5.64:1	5.56 - 8.67:1
		XGA	0.39:1	0.77 - 0.97:1	0.79:1	1.3 - 1.85:1	1.79 - 2.35:1	2.3 - 3.81:1	3.71 - 5.57:1	5.5 - 8.56:1
Image Size		**WUXGA**	100" - 350"	40" - 500"	40" - 500"	40" - 500"	40" - 500"	40" - 500"	40" - 500"	40" - 500"
		WXGA	100" - 350"	40" - 500"	40" - 500"	40" - 500"	40" - 500"	40" - 500"	40" - 500"	40" - 500"
		XGA	100" - 350"	40" - 500"	40" - 500"	40" - 500"	40" - 500"	40" - 500"	40" - 500"	40" - 500"
Projection Distance		**WUXGA**	0.85 - 2.74 m	0.62 - 10.36 m	0.64 - 8.50 m	1.05 - 19.59 m	1.45 - 24.85 m	1.87 - 40.33 m	3.01 - 59.02 m	4.42 - 91.54 m
		WXGA	0.89 - 2.87 m	0.65 - 10.91 m	0.67 - 8.92 m	1.11 - 20.58 m	1.53 - 26.11 m	1.97 - 42.35 m	3.17 - 61.97 m	4.65 - 96.13 m
		XGA	0.83 - 2.68 m	0.61 - 10.16 m	0.62 - 8.31 m	1.03 - 19.14 m	1.42 - 24.28 m	1.83 - 39.42 m	2.94- 57.69 m	4.31 - 89.48 m
Order Number			3797866500 -SVK	3797804200 -SVK	3797745100 -SVK	3797745200 -SVK	3797744200 -SVK	3797745000 -SVK	3797745400 -SVK	3797744900 -SVK

D7000 & D5000 Series Optional Manual Lenses

Lens Type			Wide Fix	Wide Throw Zoom	Short Throw	Semi Short Throw	Standard	Standard	Long Throw 1	Long Throw 2
Model			VL904G / LNS-5FX2	VL911G / LNS-5WZ2	VL907G / LNS-5STZ	VL912G / LNS-5SZ12	VL901G / LNS-5SZ1	VL906G / LNS-7SZ1	VL908G / LNS-7LZ1	VL909G / LNS-5LZ2
Focus / Zoom Type			Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Zoom			Fixed Zoom 1x	1.42x	1.18x	1.28x	1.25x	1.25x	1.5x	1.67x
F Number			2.5	2.1 - 2.6	2.05 - 2.27	2.0 - 2.44	2.46 - 2.56	2.0 - 2.09	2.5 - 3.1	2.2 - 2.5
Focal Length (f)			11.46 mm	11.45 - 16.32 mm	16.64 - 19.54 mm	18.65 - 23.85 mm	22.8 - 28.5 mm	22.8 - 28.5 mm	28.5 - 42.75 mm	44.5 - 74.19 mm
Throw Ratio		**WUXGA**	0.78:1	0.77 - 1.10:1	1.10 - 1.30:1	1.25 - 1.60:1	1.54 - 1.93:1	1.54 - 1.93:1	1.93 - 2.89:1	3.00 - 5.01:1
		1080p	0.78:1	0.77 - 1.10:1	1.10 - 1.30:1	1.25 - 1.60:1	1.54 - 1.93:1	NA	1.93 - 2.89:1	3.00 - 5.01:1
		WXGA	0.82:1	0.81 - 1.15:1	1.15 - 1.36:1	1.31 - 1.68:1	1.62 - 2.03:1	NA	2.03 - 3.05:1	3.15 - 5.26:1
		XGA	0.81:1	0.8 - 1.14:1	1.14 - 1.34:1	1.30 - 1.66:1	1.60 - 2.00:1	NA	2.00 - 3.00:1	3.11 - 5.18:1
Image Size		**WUXGA**	48" - 298"	43" - 300"	36" - 379"	39" - 300"	37'' - 300''	37'' - 211''	33'' - 481''	28" - 309"
		1080p	47" - 290"	42" - 292"	35" - 369"	39" - 291"	36'' - 300''	NA	32'' - 468''	28" - 301"
		WXGA	46" - 283"	41" - 285"	35" - 361"	38" - 285"	35'' - 300''	NA	31'' - 457''	27" - 294"
		XGA	49" - 303"	44" - 306"	37" - 388"	40" - 305"	37'' - 300''	NA	33'' - 492''	29" - 316"
Pro-jection Distance		**WUXGA**	0.8 - 5 m	1 - 5 m	1 - 9 m	1.3 - 8 m	1.5 - 9.9 m	1.5 - 7 m	2 - 20 m	3 - 20 m
		1080p	0.8 - 5 m	1 - 5 m	1 - 9 m	1.3 - 8 m	1.5 -10.2 m	NA	2 - 20 m	3 - 20 m
		WXGA	0.8 - 5 m	1 - 5 m	1 - 9 m	1.3 - 8 m	1.5 - 10.5 m	NA	2 - 20 m	3 - 20 m
		XGA	0.8 - 5 m	1 - 5 m	1 - 9 m	1.3 - 8 m	1.5 - 9.8 m	NA	2 - 20 m	3 - 20 m
Order Number			5811120818 -SVV	5811122742 -SVV	5811120054 -SVV	5811122743 -SVV	5811119236 -SVV	5811120865 -SVV	5811119237 -SVV	5811120055 -SVV

Note: Projector lens compatibility varies by models. Please check the manual for more details.

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