VISUAL DISPLAY AND PRESENTATION PRODUCTS
## Glossary

### 24/7 Operation

Designated and manufactured for heavy-duty applications and capable of 24/7 operation.

### 3D Projection

Thanks to solid state technology, the projectors can be installed with no limit on projector angle.

### 3D Projector

3D projectors support 3D content via an active 3D pass-through, or passive 3D glasses, and can be paired with a compatible Blu-ray player, or other 3D capable device, such as a set-top box or game console.

### 3D Technology Ready

Featuring DLP® 3D-ready and DLP Link™ technology the 3D system is capable of projecting uncompressed, unencrypted XGA Digital Video signals up to 300 metres.

### DLP®

DLP technology delivers high quality digital imagery with unrivalled performance and flexibility.

### Edge Blending

This feature allows users to display on non-flat surfaces, such as walls or irregularly shaped displays, such as curved or corner-mounted displays.

### Display Port

DisplayPort is a digital display interface developed by the Video Electronics Standards Association (VESA). The interface is primarily used to connect a video source to a display device such as a computer monitor. Insert a DisplayPort cable into your computer or display device's port.

### Dual Lamp

Dual-Lamp technology is a feature used in many of Vivitek's projectors. For added benefit, the projector will automatically switch to single lamp operation if one lamp is down.

### Durability

The projectors belong to the education product portfolio, and are backed with a 5 year education warranty program. The projectors are designed for quick start-up and shut down times.

### Education

The projectors are designed for educational institutions, as well as for accurate, image-focused training.

### Edge Blending

This feature allows users to display on non-flat surfaces, such as walls or irregularly shaped displays, such as curved or corner-mounted displays.

### Long Life Lamp

With up to 10,000 hours of lamp life, the lamp's lifespan has been greatly improved, so there is no need for constant lamp and filter replacements.

### MHL

Mobile High-Definition Link (MHL) allows your compatible smartphone or tablet to stream audio/video sources such as a set-top box, Blu-Ray player.

### Mobile High-Definition Link (MHL)

MHL is an uncompressed, all-digital audio/video interface that supports audio/video sources such as a set-top box, Blu-Ray player, A/V receiver, and video monitors such as a computer monitor, though it can also be used as a projector accessory.

### Network Management

Network capability for integration and system administration via the RJ45 interface. This enables the network administrator to monitor the status of the projectors installed on the network and remotely access the projector's functions.

### PC-Free

Easily stream images from any mobile device wirelessly to the big projection image via app or through wireless DLNA/DMP protocols.

### PIP (Picture in Picture)

This function enables users to split the screen to display two different sources.

### Resolution

Native Resolution is the number of pixels that make up an image. It is measured as width by height.

### Screen Mirroring

Screen mirroring function enables users to mirror their phone's or tablet's screen to the big projection image via a USB cable.

### VividMotion

Using-frame fore-skip interpolation technology is implemented in Vivitek’s projectors to enhance the quality of fast-moving content. VividMotion makes images clearer and more enjoyable when fast-paced movie scenes or sports games are being played.

### War

Optical engine and mechanical design are optimised for projection onto screens that are over 100 inches. Projector lens shift technologies enable users to accurately deliver images to the screen position desired.

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**Warranty**

**Entry**

- 2 Yr or 1,000 hrs on Lamp

**Standard**

- 3 Yr or 3,000 hrs on Lamp

**Qumi Entry Warranty**

- 2 Yr or 2,000 hrs on Lamp

**Qumi Standard Warranty**

- 3 Yr or 3,000 hrs on Lamp

**Large Venue**

- 5 Yr or 5,000 hrs on Lamp

**Large Venue Laser Phosphor**

- 5 Yr or 10,000 hrs on Lamp

**Ultra Short Throw Laser Phosphor Warranty**

- 5 Yr or 5,000 hrs on Lamp

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*The projectors are not medical devices and the “DICOM Simulation Mode” cannot be used for actual medical diagnosis purpose.*
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 leader in power and thermal management solutions and a major player in several product segments such as industrial automation, displays, and networking. Its mission statement is: “To provide innovative, clean and energy-efficient solutions for a better tomorrow.” Delta has 163 sales offices, 64 R&D centers and 39 manufacturing facilities worldwide.

Projector range

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

We offer wide range of projectors for:

- Large venues
- Business
- Education
- Portable
- Home entertaining


H9080 H1080 D795WT Qumi Q2 D512-3D D8800 D7180HD
First 1080p LED Home Cinema Projector Home Entertainment 1080p Projector Ultra Short Throw Projector First HD LED Pocket Projector First 2D to 3D Conversion Projector High Brightness Large Venue Projector Market Leader in FullHD Extreme Short Throw

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LARGE VENUES

Lava Centre, Island
LARGE VENUE AND INSTALLATION

Professional Projectors That Are Easy to Handle

Vivitek has created a line of professional projectors intended for high-end installation. The range features models from 5,000 up to 18,000 lumens of brightness, using either a lamp or laser light source. Vivitek projectors have proven to be reliable, robust and durable, while ensuring peace of mind for installers. No matter how challenging the requirements are, with its large venue projector range Vivitek ensures the overall cost of ownership can be kept down without compromising superb performance.

Technology

At Vivitek, one of its top priorities is to follow the latest technological developments and deliver innovative solutions in its high-performance Large Venue projectors, as well as providing a high-level of user satisfaction and enjoyment.

Key Features

1-Chip DLP Technology
Very high brightness level up to 18,000 lumens with only 1-chip DLP engine.

Robust Anti-Dust Sealed Optical Engine Design
The projector’s sturdy quality is ensured with its air tight sealed optical engine which eliminates negative dust impact and increases light efficiency.

24/7 Operation
Designed for demanding 24/7 continuous operation in any position.

Installation Flexibility
360° operation and projection design for set up in all angles.

Built-In Edge Blending Feature
This feature allows several projector images to be seamlessly combined into one large projection without external blending equipment.

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

Whether it's a mid-sized boardroom or a large meeting room where the budget is the top priority, lamp projectors are a perfect match. They are ideal for installing in meeting rooms offering a fine choice between performance and budget. The lamp-based projector is characterized by its compact size and can be installed easily when space is a key factor to consider.

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 in 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.

Long Lasting Laser Light Source

Long lasting laser illumination light source for up to 20,000 hours of operating time. No lamp changes means minimized maintenance.

Consistent Colour Performance

Stable colour performance over time reduces the recalibration maintenance cycle for a mapping project.

Dual Lamp

The dual-lamp relay function is ideal in critical applications to keep the presentation to continue.

Lava Centre, Iceland
LARGE VENUE AND MAPPING PROJECTORS

High brightness, feature rich projectors that deliver top performance

Resolution: 4K-UHD or WUXGA
Brightness up to 18,000 ANSI Lumens
Contrast ratio up to 10,000:1
Laser light source up to 20,000 hours operation

Laser powered brightness, clarity and reliability for a diverse range of large venue applications

- Laser light source produces rich and constant colour performance
- Embedded edge-blending & warping technology, to ensure flexible usage in various environments
- Motorized zoom, focus and lens shift functions for easy adjustment and positioning flexibility
- 360° operation and projection design for set up in all angles
- 3G-SDI and HDBaseT for robustness for long signal transmission without compromise

**DK8500Z**
- **Display Type:** Single 0.86” DLP Technology by Texas Instruments
- **Brightness:** 7,500 ANSI Lumens
- **Max. Supported Resolution:** 1920 x 1080 pixels @60Hz
- **Optical:** Framing
- **Zoom Ratio:** 1.20 – 1.33:1
- **Illumination Life:** 3,200 hours
- **Wheel Type:** Single 0.66”
- **Lamp Life:** 3,500 hours
- **Dimensions:** (W x D x H) 500 x 580 x 205 mm
- **Weight:** 28 kg
- **Noise Level:** <0.5W (Standby) 40dB (Normal Mode)

**DU9800Z**
- **Display Type:** Single 0.89” DLP Technology by Texas Instruments
- **Brightness:** 12,000 ANSI Lumens
- **Max. Supported Resolution:** 1920 x 1080 pixels @60Hz
- **Optical:** Motorized Focus & Lens Shift
- **Zoom Ratio:** 1.20 – 1.33:1
- **Illumination Life:** 3,200 hours
- **Wheel Type:** Single 0.67”
- **Lamp Life:** 3,500 hours
- **Dimensions:** (W x D x H) 500 x 580 x 205 mm
- **Weight:** 28 kg
- **Noise Level:** <0.5W (Standby) 40dB (Normal Mode)

**DU8193Z**
- **Display Type:** Single 0.89” DLP Technology by Texas Instruments
- **Brightness:** 10,000 ANSI Lumens
- **Max. Supported Resolution:** 1920 x 1080 pixels @60Hz
- **Optical:** Framing
- **Zoom Ratio:** 1.20 – 1.33:1
- **Illumination Life:** 3,200 hours
- **Wheel Type:** Single 0.67”
- **Lamp Life:** 3,500 hours
- **Dimensions:** (W x D x H) 500 x 580 x 205 mm
- **Weight:** 28 kg
- **Noise Level:** <0.5W (Standby) 40dB (Normal Mode)

**DU8190Z**
- **Display Type:** Single 0.89” DLP Technology by Texas Instruments
- **Brightness:** 8,000 ANSI Lumens
- **Max. Supported Resolution:** 1920 x 1080 pixels @60Hz
- **Optical:** Motorized Focus & Lens Shift
- **Zoom Ratio:** 1.20 – 1.33:1
- **Illumination Life:** 3,200 hours
- **Wheel Type:** Single 0.67”
- **Lamp Life:** 3,500 hours
- **Dimensions:** (W x D x H) 500 x 580 x 205 mm
- **Weight:** 28 kg
- **Noise Level:** <0.5W (Standby) 40dB (Normal Mode)

**DU8090Z**
- **Display Type:** Single 0.89” DLP Technology by Texas Instruments
- **Brightness:** 850W (Normal Mode)
- **Max. Supported Resolution:** 1920 x 1080 pixels @60Hz
- **Optical:** Motorized Focus & Lens Shift
- **Zoom Ratio:** 1.20 – 1.33:1
- **Illumination Life:** 3,200 hours
- **Wheel Type:** Single 0.67”
- **Lamp Life:** 3,500 hours
- **Dimensions:** (W x D x H) 500 x 580 x 205 mm
- **Weight:** 28 kg
- **Noise Level:** <0.5W (Standby) 40dB (Normal Mode)

**DU8090Z-WH**
- **Display Type:** Single 0.89” DLP Technology by Texas Instruments
- **Brightness:** 850W (Normal Mode)
- **Max. Supported Resolution:** 1920 x 1080 pixels @60Hz
- **Optical:** Motorized Focus & Lens Shift
- **Zoom Ratio:** 1.20 – 1.33:1
- **Illumination Life:** 3,200 hours
- **Wheel Type:** Single 0.67”
- **Lamp Life:** 3,500 hours
- **Dimensions:** (W x D x H) 500 x 580 x 205 mm
- **Weight:** 28 kg
- **Noise Level:** <0.5W (Standby) 40dB (Normal Mode)

**DU8090Z-BK**
- **Display Type:** Single 0.89” DLP Technology by Texas Instruments
- **Brightness:** 850W (Normal Mode)
- **Max. Supported Resolution:** 1920 x 1080 pixels @60Hz
- **Optical:** Motorized Focus & Lens Shift
- **Zoom Ratio:** 1.20 – 1.33:1
- **Illumination Life:** 3,200 hours
- **Wheel Type:** Single 0.67”
- **Lamp Life:** 3,500 hours
- **Dimensions:** (W x D x H) 500 x 580 x 205 mm
- **Weight:** 28 kg
- **Noise Level:** <0.5W (Standby) 40dB (Normal Mode)

<table>
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<tr>
<th>Display Type</th>
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<th>Contrast Ratio</th>
<th>Resolution</th>
<th>Weight</th>
<th>Noise Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single 0.86” DLP Technology by Texas Instruments</td>
<td>7,500 ANSI Lumens</td>
<td>10,000:1</td>
<td>4K-UHD</td>
<td>28 kg</td>
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**MAPPING PROJECTORS**

for a diverse range of large venue applications

Motorized zoom, focus and lens shift functions for easy adjustment and positioning flexibility

Embedded edge-blending & warping technology, to ensure flexible usage in various environments

Laser light source up to 20,000 hours operation

Lamp free design. Laser light source lasting up to 20,000 hours

3G-SDI and HDBaseT for robustness for long signal transmission without compromise

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**Dimensions**

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<tr>
<th>(W x D x H)</th>
<th>500 x 580 x 205 mm</th>
<th>661 x 530 x 246 mm</th>
<th>500 x 580 x 205 mm</th>
<th>500 x 580 x 205 mm</th>
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<table>
<thead>
<tr>
<th><strong>Weight</strong></th>
<th>20 kg</th>
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<tr>
<td><strong>Warranty</strong></td>
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</tbody>
</table>
4K Resolution for Every Detail

With more than four times the resolution of Full HD, 4K-UHD resolution based projectors enable viewers to enjoy the finest details in a way that they have never experienced before.

Extra Pixels Matter

Smooth image with full 8.3 million pixels.

Edge Blending

Selected Vivitek projectors are equipped with built-in edge blending. This feature allows several projector images to be seamlessly combined into one large projection. The built-in edge blending feature eliminates the need for additional external edge blending hardware. All setup is conducted via the projector’s On-Screen Display (OSD) or through remote commands over the networks.

Image 1: The brighter overlapping area will be adjusted and blended using the projector’s embedded blend control feature.

Image 2: Both of the projected images are seamlessly blended together creating one, impressive large format picture.
Mapping
Projection on a spherical surface.

Lava Centre, Island
Network Management

The network administrator can remotely manage and support all the projectors easily: monitor the status, lamp life, alerts, access functions and other vital settings. This is possible thanks to the RJ45 network and Vivitek Projector Control Tool software or other compatible solutions e.g. Crestron® RoomView™; these enable Vivitek’s Large Venue projectors to be easily integrated into an existing IT network infrastructure.

Vivitek is committed to delivering high quality and reliable products that will meet a broad range of requirements, while bringing satisfaction and enjoyment that is beyond expectations. Vivitek treat this commitment very seriously by providing a 5-Year warranty on projectors for large venue models.

Image Geometric Correction

This function allows for projection on to non-flat surfaces – such as curved screens or columns - without the need to use additional external hardware or software.

Lens Shift & Lens Position Memory

Vertical and horizontal lens shift adjustment allows for easier alignment on the screen without moving the projector and provides professional installers with greater flexibility. A number of Vivitek’s large venue projectors have motorized zoom, focus and lens shift, allowing adjustment even when the projector is mounted in an area that is difficult to reach. The lens position memory function enables up to a 10 user assigned setting, thus facilitating the set up adjustment to fit different screen size.

Large Venue Warranty

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Sphere ceiling mapping projection

Euro Space Center, in Belgium
INSTALLATION
PROJECTORS

Bright and versatile projectors ideal for meeting room installation

- Resolution: WUXGA, 1080p, WXGA, and XGA
- High brightness of up to 7,000 ANSI Lumens
- Laser light source up to 20,000 hours of operation
- Lamp life up to 4,500 hours in normal mode

- Installation flexibility is ensured with easy lens shift function to fit conventional medium to large sized meeting room settings
- Integration within an existing IT network infrastructure for projector monitoring and management, which is possible through the Crestron® RoomView compatibility feature
- Choices of laser light source or lamp based projectors for the balance of budget and performance
- Dual-lamp relay function is ideal for mission critical application
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<tr>
<td>Keystone Correction</td>
<td>Vertical: +64%, -33%</td>
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<td>Vertical: +64%, -33%</td>
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<tr>
<td>Lens Shift Range</td>
<td>Vertical: +/-30%</td>
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<tr>
<td>Projection Lens</td>
<td>8 optional lenses from 0.8:1 to 3.0:1, 0.78:1 to 3.0:1, 0.82:1 to 3.15:1, 1.15 - 1.90:1, 1.25 - 2.13:1, 1.22 - 2.01:1, 1.25 - 2.13:1, 1.21 - 2.60:1</td>
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<tr>
<td>I/O Connection Ports</td>
<td>HDMI (x2), Display Port, DVI-D, USB A (Power Only), Mini-Jack, Wired Remote Jack, RS-232, USB miniB (Service), 3.5mm, 3D-Sync In, 3D-Sync Out, 12v Trigger (Mini-Jack), Audio-Out (RCA), Audio-In (x2 RCA), Component (YpbPr - 2.13:1), USB A (Power Only), Audio-Out (RCA), Audio-In (RCA), S-Video, Microphone-In</td>
<td>HDMI (x2), Display Port, DVI-D, USB A (Power Only), Mini-Jack, Wired Remote Jack, RS-232, USB miniB (Service), 3.5mm, 3D-Sync In, 3D-Sync Out, 12v Trigger (Mini-Jack), Audio-Out (RCA), Audio-In (x2 RCA), Component (YpbPr - 2.13:1), USB A (Power Only), Audio-Out (RCA), Audio-In (RCA), S-Video, Microphone-In</td>
<td>HDMI (x2), Display Port, DVI-D, USB A (Power Only), Mini-Jack, Wired Remote Jack, RS-232, USB miniB (Service), 3.5mm, 3D-Sync In, 3D-Sync Out, 12v Trigger (Mini-Jack), Audio-Out (RCA), Audio-In (x2 RCA), Component (YpbPr - 2.13:1), USB A (Power Only), Audio-Out (RCA), Audio-In (RCA), S-Video, Microphone-In</td>
<td>HDMI (x2), Display Port, DVI-D, USB A (Power Only), Mini-Jack, Wired Remote Jack, RS-232, USB miniB (Service), 3.5mm, 3D-Sync In, 3D-Sync Out, 12v Trigger (Mini-Jack), Audio-Out (RCA), Audio-In (x2 RCA), Component (YpbPr - 2.13:1), USB A (Power Only), Audio-Out (RCA), Audio-In (RCA), S-Video, Microphone-In</td>
<td>HDMI (x2), Display Port, DVI-D, USB A (Power Only), Mini-Jack, Wired Remote Jack, RS-232, USB miniB (Service), 3.5mm, 3D-Sync In, 3D-Sync Out, 12v Trigger (Mini-Jack), Audio-Out (RCA), Audio-In (x2 RCA), Component (YpbPr - 2.13:1), USB A (Power Only), Audio-Out (RCA), Audio-In (RCA), S-Video, Microphone-In</td>
<td>HDMI (x2), Display Port, DVI-D, USB A (Power Only), Mini-Jack, Wired Remote Jack, RS-232, USB miniB (Service), 3.5mm, 3D-Sync In, 3D-Sync Out, 12v Trigger (Mini-Jack), Audio-Out (RCA), Audio-In (x2 RCA), Component (YpbPr - 2.13:1), USB A (Power Only), Audio-Out (RCA), Audio-In (RCA), S-Video, Microphone-In</td>
</tr>
</tbody>
</table>

### Dimensions (W x H x D) (in) | 300 x 850 x 205 mm | 400 x 517 x 202 mm | 360 x 451.5 x 151 mm | 360 x 451.5 x 151 mm | 510 x 47 x 210 mm |
| Weight | 27 kg | 25 kg | 10.7 kg | 10.7 kg | 20 kg |
| Speakers | NA | NA | NA | NA | NA |
| Noise Level | 33dB (Normal Mode) | 33dB (Normal) | 33dB (Normal Mode) | 33dB (Normal Mode) | 33dB (Normal Mode) |
| Illumination Life and Type | Lamp free design, lamp life up to 20,000 hours | Amp free design, lamp life up to 20,000 hours | Lamp free design, lamp life up to 20,000 hours | Lamp free design, lamp life up to 20,000 hours | Lamp free design, lamp life up to 20,000 hours |
| Warranty | Large Venue Laser | Large Venue Laser | Large Venue Laser | Large Venue Laser | Large Venue Laser | Large Venue Laser |
Invigorate Your Classroom with Immersive Technology

From the grade school classroom to the university lecture hall, Vivitek projectors help educators capture the attention of their students, convey important information and guide collaborative discussions. Vivitek’s interactive projectors provide the perfect conduit for encouraging effective student participation. Our education projectors are equipped with a wealth of connectivity options to serve all educational institutions, regardless of their network and technology setups.

Display Large Images in Limited Spaces

Vivitek’s Ultra-Short-Throw projectors can display a large two metre wide/100” diagonal image from an extremely short distance of 42cm from the screen, giving new flexibility and possibilities to classrooms where space is limited.

Comfort for Presenters

There’s no need to worry about finding a suitable place for yourself during your presentation. The Ultra-Short-Throw series of projectors are capable of projecting a large image from an ultra-short distance, meaning that you’re free to stand in front of the projector without blocking the image, casting a shadow on the screen, or having light shine directly into your eyes. Vivitek’s Ultra-Short-Throw series of projectors brings comfort and clarity to your teaching environment.

Flexible Mounting

The Ultra-Short-Throw projectors are a perfect fit for classrooms. That’s because these projectors can be wall-mounted directly above the projection surface or placed on a desktop, almost up against the wall. You simply choose the display method that works best for the environment.

Education Warranty Program

Vivitek realizes that investing in projection equipment is an important decision for now and the future, so we’ve got you covered. Vivitek offers generous extended warranties for all educational institutions in the EMEA region:

- 5 years on projectors, and 3 years or 2000 hours on lamp usage - whichever comes first
- available for all projectors listed in the education portfolio
- for more information on our education warranty program, please visit: www.vivitek.eu/edureg
The short and ultra-short-throw projectors are a great fit for classrooms:

- The ultra-short-throw projector delivers up to 100" diagonal image just from 42cm while the short-throw can create up to 90" diagonal image from less than 1m distance.
- The ultra-short-projector series can be mounted extremely close to the wall and remove shadow and glare issues.
- The NovoConnect Solution enhances classroom collaboration.

**Visual Learning at its Best**

**THROW PROJECTORS**

- Lamp life time up to 10,000 hours
- Resolutions: 1080p, WXGA, and XGA

**SHORT AND ULTRA-SHORT**

**The short and ultra-short-throw projectors**

<table>
<thead>
<tr>
<th>Technology</th>
<th>Image</th>
<th>Display Type</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Single 0.65 DLP Technology by Texas Instruments</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Single 0.65 DLP Technology by Texas Instruments</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Single 0.65 DLP Technology by Texas Instruments</td>
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<tr>
<td></td>
<td></td>
<td>Single 0.65 DLP Technology by Texas Instruments</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Single 0.55 DLP Technology by Texas Instruments</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Brightness</th>
<th>Color Management</th>
<th>Contrast Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>3,500 ANSI Lumens</td>
<td>1080p</td>
<td>37dB / 33dB (Normal / Eco. Mode)</td>
</tr>
<tr>
<td>3,500 ANSI Lumens</td>
<td>WXGA</td>
<td>37dB / 33dB (Normal / Eco. Mode)</td>
</tr>
<tr>
<td>3,500 ANSI Lumens</td>
<td>XGA</td>
<td>37dB / 33dB (Normal / Eco. Mode)</td>
</tr>
<tr>
<td>3,600 ANSI Lumens</td>
<td>88&quot; - 110&quot;</td>
<td>3.500 ANSI Lumens</td>
</tr>
<tr>
<td>3,300 ANSI Lumens</td>
<td>80&quot; - 100&quot;</td>
<td>3,500 ANSI Lumens</td>
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<tr>
<td>3,300 ANSI Lumens</td>
<td>88&quot; - 110&quot;</td>
<td>3,500 ANSI Lumens</td>
</tr>
<tr>
<td>3,600 ANSI Lumens</td>
<td>70&quot; - 100&quot;</td>
<td>3,500 ANSI Lumens</td>
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<tr>
<td>3,300 ANSI Lumens</td>
<td>60&quot; - 100&quot;</td>
<td>3,500 ANSI Lumens</td>
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<tr>
<td>3,500 ANSI Lumens</td>
<td>88&quot; - 110&quot;</td>
<td>3,500 ANSI Lumens</td>
</tr>
<tr>
<td>3,300 ANSI Lumens</td>
<td>80&quot; - 100&quot;</td>
<td>3,500 ANSI Lumens</td>
</tr>
<tr>
<td>3,600 ANSI Lumens</td>
<td>70&quot; - 100&quot;</td>
<td>3,500 ANSI Lumens</td>
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<tr>
<td>3,300 ANSI Lumens</td>
<td>60&quot; - 100&quot;</td>
<td>3,500 ANSI Lumens</td>
</tr>
</tbody>
</table>

**Warranty**

- Education Education Education Education Education Education

**Dimensions (W x D x H)**

- 268 x 275 x 123 mm
- 268 x 275 x 123 mm
- 268 x 275 x 123 mm
- 268 x 275 x 123 mm
- 268 x 275 x 123 mm
- 268 x 275 x 123 mm

**Weight**

- 5 kg
- 5 kg
- 5 kg
- 5 kg
- 5 kg
- 5 kg

**Power**


**Warranty**

- Education
- Education
- Education
- Education
- Education
- Education

**Touch**

- Pen, Optional Finger Interactive Function - IR (Interactivity)
- USB miniB (Service)
- USB B (Service)
- RS-232
- RJ45 (LAN)
- USB A (Power Only)
- Audio-Out (Mini-Jack)
- VGA-Out
- Audio-In (Mini-Jack)
- Audio-In (RCA)
- Audio-In (x3 Mini-Jack)
- S-Video
- Yellow
- Composite Video (RCA)
- HDMI v1.4b
- HDMI v1.4a
- HDMI v1.4a
- HDMI v1.4a
- HDMI v1.4a
- HDMI v1.4a
- HDMI v1.4a
- HDMI v1.4a
- HDMI v1.4a
- HDMI v1.4a
- HDMI v1.4a
- HDMI v1.4a
- HDMI v1.4a
- HDMI v1.4a
- HDMI v1.4a
- HDMI v1.4a
- HDMI v1.4a
- HDMI v1.4a
High-performance combined with a great range of features

Vivitek’s wide range of multimedia projectors offers a variety of features ideal for any conference room:

- As intuitive to operate as they are powerful, Vivitek projectors help presentations to be easily shared on the big screen.
- Contrast ratio up to 15,000:1
- It’s easy to display full content from a computer screen onto a large projection area.
- The projectors easily integrate with any equipment thanks to a LAN interface and an extensive range of connectivity options, including one or two digital inputs.
- It’s easy to display full content from a computer screen onto a large projection area.

Vivitek offers the ideal solution for today’s high-definition, multimedia demands, for any meeting room.

As intuitive to operate as they are powerful, Vivitek projectors help presentations to be easily shared on the big screen without hassle, by creating a comfortable environment for participants to discuss ideas and make decisions.

Vivitek’s wide range of multimedia projectors offers a variety of features ideal for any conference room:

- The installation is facilitated with 1.5x zoom or a vertical lens shift.
- The projectors easily integrate with any equipment thanks to a LAN interface and an extensive range of connectivity options, including one or two digital inputs.
- It’s easy to display full content from a computer screen onto a large projection area.

### Multimedia Projectors

Full range of resolutions from XGA up to WUXGA
High brightness up to 6,000 ANSI Lumens
Contrast ratio up to 15,000:1
PORTABLE PROJECTORS
Power and performance in a compact package

Resolutions: 1080p, WXGA, XGA, and SVGA
High brightness of up to 3,500 ANSI Lumens
Contrast ratio of up to 15,000:1
Lamp life up to 10,000 hours

- Whether fixed installed or used as a small portable projector, our portable series offers a compact size and light weight, aiding their use in many locations.
- There’s something for everyone, as the product line offers a variety in resolution and brightness options with great image quality.
- Up to 10,000 hours of lamp lifetime ensures low total cost of ownership.

<table>
<thead>
<tr>
<th>Model</th>
<th>DH559ST</th>
<th>DW282-ST</th>
<th>DX281-ST</th>
<th>DX288</th>
<th>DH268</th>
<th>DX260S</th>
<th>DX263</th>
<th>DS262</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technology</td>
<td>Single 0.65” DLP® Technology by Texas Instruments</td>
<td>Single 0.65” DLP® Technology by Texas Instruments</td>
<td>Single 0.65” DLP® Technology by Texas Instruments</td>
<td>Single 0.65” DLP® Technology by Texas Instruments</td>
<td>Single 0.65” DLP® Technology by Texas Instruments</td>
<td>Single 0.65” DLP® Technology by Texas Instruments</td>
<td>Single 0.5” DLP® Technology by Texas Instruments</td>
<td>Single 0.5” DLP® Technology by Texas Instruments</td>
</tr>
<tr>
<td>Brightness</td>
<td>5,000 ANSI Lumens</td>
<td>3,200 ANSI Lumens</td>
<td>3,200 ANSI Lumens</td>
<td>3,500 ANSI Lumens</td>
<td>3,500 ANSI Lumens</td>
<td>3,500 ANSI Lumens</td>
<td>3,500 ANSI Lumens</td>
<td>3,500 ANSI Lumens</td>
</tr>
<tr>
<td>Lamp Life and Type</td>
<td>Up to 10,000 hours of lamp lifetime ensures low total cost of ownership.</td>
<td>and brightness options with great image quality.</td>
<td>series offers a compact size and light weight, aiding their use in many locations.</td>
<td>Whether fixed installed or used as a small portable projector, our portable series offers a compact size and light weight, aiding their use in many locations.</td>
<td>There’s something for everyone, as the product line offers a variety in resolution and brightness options with great image quality.</td>
<td>Up to 10,000 hours of lamp lifetime ensures low total cost of ownership.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
POCKET AND PERSONAL PROJECTORS

For Fun, Business and Education

Resolution: up to FullHD 1080p
High brightness up to 1,000 Lumens
Contrast ratio up to 30,000:1
30,000 hours LED light source

Great portability, sleek design, compact and pocket sized; Qumi projectors are the perfect portable companion for business and for entertaining

- Bright and sharp images are made easy with the Qumi projecting an image up to 120” diagonal with a 30,000:1 contrast ratio for details.
- Effortless sharing via Wi-Fi connection that enables content sharing from Android™, iOS, Mac and Windows devices.
- Freedom and flexibility to use the Qumi without a computer, with embedded media and document viewer for PC-Free playback of documents, photos, videos and audio files.

<table>
<thead>
<tr>
<th>Qumi Q8</th>
<th>Qumi Q6</th>
<th>Qumi Q38</th>
<th>Qumi Q3 Plus</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Display Type</strong></td>
<td>Single chip DLP® Technology by Texas Instruments</td>
<td>Single chip DLP® Technology by Texas Instruments</td>
<td>Single chip DLP® Technology by Texas Instruments</td>
</tr>
<tr>
<td><strong>Light source Type and Life</strong></td>
<td>LED light source, 30,000 Hours</td>
<td>LED light source, 30,000 Hours</td>
<td>LED light source, 30,000 Hours</td>
</tr>
<tr>
<td><strong>Native Resolution</strong></td>
<td>1080p (1920 x 1080)</td>
<td>WXGA (1280 x 800)</td>
<td>1080p (1920 x 1080)</td>
</tr>
<tr>
<td><strong>Max. Supported Resolution</strong></td>
<td>1080p (1920 x 1080) @60Hz</td>
<td>1080p (1920 x 1080) @60Hz</td>
<td>WUXGA (1920 x 1200) @60Hz</td>
</tr>
<tr>
<td><strong>Brightness</strong></td>
<td>1,000 Lumens</td>
<td>800 Lumens</td>
<td>600 Lumens</td>
</tr>
<tr>
<td><strong>Contrast Ratio</strong></td>
<td>30,000:1</td>
<td>30,000:1</td>
<td>10,000:1</td>
</tr>
<tr>
<td><strong>Throw Ratio</strong></td>
<td>1.2:1</td>
<td>1.35:1</td>
<td>1.2:1</td>
</tr>
<tr>
<td><strong>Image Size (Diagonal)</strong></td>
<td>30” - 120”</td>
<td>30” - 90”</td>
<td>19” - 130”</td>
</tr>
<tr>
<td><strong>Projector Distance</strong></td>
<td>1 - 3 m</td>
<td>0.5 - 3.5 m</td>
<td>0.7 - 3.7 m</td>
</tr>
<tr>
<td><strong>Zoom Ratio</strong></td>
<td>1x</td>
<td>1x</td>
<td>1x</td>
</tr>
<tr>
<td><strong>Offset</strong></td>
<td>110%</td>
<td>105%</td>
<td>100%</td>
</tr>
<tr>
<td><strong>I/O Connection Ports</strong></td>
<td>HDMI/MHL, Audio-Out Mini-Jack, USB type A for multimedia and document viewer</td>
<td>HDMI/MHL, HDMI, Audio-Out Mini-Jack, USB type A for multimedia and document viewer</td>
<td>HDMI, HDMI, Audio-Out Mini-Jack, USB type A x2 for multimedia and document viewer, microSD Slot</td>
</tr>
<tr>
<td><strong>Battery</strong></td>
<td>Optional battery</td>
<td>Optional battery</td>
<td>Embedded battery</td>
</tr>
<tr>
<td><strong>Dimensions (W x D x H)</strong></td>
<td>190 x 114 x 43 mm</td>
<td>165 x 103 x 34 mm</td>
<td>188 x 118 x 34 mm</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>621 g</td>
<td>475 g</td>
<td>746 g</td>
</tr>
<tr>
<td><strong>Speakers</strong></td>
<td>2W x 1</td>
<td>2W x 1</td>
<td>2W x 2</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>Supply: AC 100-240V, 50/60Hz, Consumption: 45W (Eco. Mode), 55W (Normal Mode), &lt;0.5W (Standby)</td>
<td>Supply: AC 100-240V, 50/60Hz, Consumption: 52W (Eco. Mode), 66W (Normal Mode), &lt;0.5W (Standby)</td>
<td>Supply: AC 100-240V, 50/60Hz, Consumption: 66W (Normal Mode), &lt;0.5W (Standby)</td>
</tr>
<tr>
<td><strong>Noise Level</strong></td>
<td>34dB / 34dB (Normal / Eco. Mode)</td>
<td>34dB / 34dB (Normal / Eco. Mode)</td>
<td>32dB (Normal Mode)</td>
</tr>
<tr>
<td><strong>Available Colours</strong></td>
<td>Black, White</td>
<td>Black, White, Red, Charcoal Gray</td>
<td>Black, White, Red</td>
</tr>
<tr>
<td><strong>Warranty</strong></td>
<td>3 Years Warranty</td>
<td>3 Years Warranty</td>
<td>2 Years Warranty</td>
</tr>
</tbody>
</table>
True cinema experience for your home

Resolutions: FullHD 1080p
Contrast ratio up to 50,000:1

Vivitek Home Cinema projectors will turn your living room into a movie theatre

- Enjoy your favourite movie in astonishing colour and sharpness.
- Film fans will appreciate the enhanced viewing experience thanks to the VividMotion frame interpolation function. The function reduces motion judder to create a fluid and flawless video stream.

<table>
<thead>
<tr>
<th>Display Type</th>
<th>Single 0.65&quot; DLP Technology by Texas Instruments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brightness</td>
<td>2,000 ANSI Lumens</td>
</tr>
<tr>
<td>Native Resolution</td>
<td>1080p (1920 x 1080)</td>
</tr>
<tr>
<td>Max. Supported Resolution</td>
<td>WUXGA (1920 x 1200) @60Hz</td>
</tr>
<tr>
<td>Native Aspect Ratio</td>
<td>16:9</td>
</tr>
<tr>
<td>Contrast Ratio</td>
<td>50,000:1</td>
</tr>
<tr>
<td>Keystone Correction</td>
<td>Vertical +/-4° Disaster</td>
</tr>
<tr>
<td>Throw Ratio</td>
<td>1.39 - 2.04:1</td>
</tr>
<tr>
<td>Image Size (Diagonal)</td>
<td>25.9&quot; - 324.9&quot;</td>
</tr>
<tr>
<td>Projection Distance</td>
<td>1.2 - 10 m</td>
</tr>
<tr>
<td>Zoom Ratio</td>
<td>1.5x</td>
</tr>
<tr>
<td>Offset</td>
<td>113%</td>
</tr>
<tr>
<td>Lens SHIFT Range</td>
<td>Vertical +/-5%, -3%</td>
</tr>
<tr>
<td>Projection Lens</td>
<td>F = 2.416 - 2.978, f = 20.7 - 31.55 mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Connectivity Ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDMI v1.4 (x2),</td>
</tr>
<tr>
<td>VGA-in,</td>
</tr>
<tr>
<td>Component (3 RGB - YPbPr),</td>
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<tr>
<td>Composite Video (RCA Yellow),</td>
</tr>
<tr>
<td>Audio-In (Mini-Jack),</td>
</tr>
<tr>
<td>Audio-Out (RCA),</td>
</tr>
<tr>
<td>Audio-Out (Mini-Jack),</td>
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<tr>
<td>Audio-Out (RCA),</td>
</tr>
<tr>
<td>3D-Sync Out,</td>
</tr>
<tr>
<td>12v Trigger (Mini-Jack 3.5mm),</td>
</tr>
<tr>
<td>USB A (Power Only),</td>
</tr>
<tr>
<td>RS-232,</td>
</tr>
<tr>
<td>USB miniB (Service)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>General Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (W x D x H)</td>
</tr>
<tr>
<td>Weight</td>
</tr>
<tr>
<td>Speakers</td>
</tr>
<tr>
<td>Noise Level</td>
</tr>
<tr>
<td>Lamp Life and Type</td>
</tr>
<tr>
<td>Power</td>
</tr>
<tr>
<td>Warranty</td>
</tr>
<tr>
<td>UPC</td>
</tr>
</tbody>
</table>
Note: Projector lens compatibility varies by models. Please check the manual for more details.

See how you can adapt Vivitek projectors to meet your individual needs.

**ACCESSORIES**

**DU9800Z Projector**

**D8000 & D6000 Series Optional Motorised Lenses**

<table>
<thead>
<tr>
<th>Lens Type</th>
<th>Ultra Short Throw</th>
<th>Ultra Wide Throw</th>
<th>Wide Fix</th>
<th>Wide Zoom</th>
<th>Standard</th>
<th>Semi Long Zoom</th>
<th>Long Zoom 1</th>
<th>Long Zoom 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Focal Length (f)</td>
<td>0.84 mm</td>
<td>1.13 - 14.1 mm</td>
<td>11.6 mm</td>
<td>18.7 - 26.5 mm</td>
<td>26 - 34 mm</td>
<td>32.8 - 54.2 mm</td>
<td>52.8 - 70.1 mm</td>
<td>78.5 - 121.9 mm</td>
</tr>
<tr>
<td>Zoom Ratio</td>
<td></td>
<td></td>
<td></td>
<td>1.27 - 1.791</td>
<td>2.22 - 3.761</td>
<td>5.13 - 8.281</td>
<td>11.14 - 17.91</td>
<td>17.95 - 21.93 mm</td>
</tr>
<tr>
<td>F Number</td>
<td>2.0</td>
<td>1.93 - 2.3</td>
<td>1.65</td>
<td>1.65 - 2.6</td>
<td>1.71 - 2.48</td>
<td>1.85 - 2.41</td>
<td>1.85 - 2.48</td>
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</tr>
<tr>
<td>Order Number</td>
<td>3797780400-SVK</td>
<td>3797780300-SVK</td>
<td>3797780200-SVK</td>
<td>3797780100-SVK</td>
<td>3797780000-SVK</td>
<td>3797779900-SVK</td>
<td>3797779800-SVK</td>
<td>3797779700-SVK</td>
</tr>
</tbody>
</table>

**D7000 & D5000 Series Optional Manual Lenses**

<table>
<thead>
<tr>
<th>Lens Type</th>
<th>Wide Fix</th>
<th>Wide Zoom</th>
<th>Short Throw</th>
<th>Semi Short Throw</th>
<th>Long Zoom 1</th>
<th>Long Zoom 2</th>
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</thead>
<tbody>
<tr>
<td>Model</td>
<td>CM10001</td>
<td>CM10010</td>
<td>CM10011</td>
<td>CM10012</td>
<td>CM10013</td>
<td>CM10014</td>
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<tr>
<td>Focal Length (f)</td>
<td>11.46 mm</td>
<td>11.45 - 16.32 mm</td>
<td>16.64 - 20.54 mm</td>
<td>20.28 - 28.5 mm</td>
<td>32.8 - 42.75 mm</td>
<td>44.5 - 54.19 mm</td>
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<tr>
<td>Zoom Ratio</td>
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<td></td>
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<tr>
<td>F Number</td>
<td>2.0</td>
<td>2.1 - 2.6</td>
<td>2.05 - 2.37</td>
<td>2.0 - 2.44</td>
<td>2.49 - 2.86</td>
<td>2.0 - 2.69</td>
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<td>Order Number</td>
<td>3797756500-SVK</td>
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<td>3797756200-SVK</td>
<td>3797756100-SVK</td>
<td>3797756000-SVK</td>
</tr>
</tbody>
</table>

**Lava Centre, Iceland**
NovoDS Solution offers a very affordable, network-based digital signage solution which is ideal for creating dynamic visual displays for corporate or public spaces. Digital signage content can incorporate text, photos, audio, video, and web content in fully customizable configurations for a variety of environments. Easy to use, NovoDS Solution offers the convenience of updating content over the network or using a microSD card. Thanks to drag-and-drop template customization and highly intuitive playlist editing, it’s so easy to use that even non-technical staff members will feel at ease. The list of applications is endless and the solution is easy with NovoDS4K, NovoDS and NovoDSmini.

These days, public information needs to be delivered quickly and accurately...

MAKE IT SIMPLE DELIVER YOUR MESSAGE CAPTURE YOUR AUDIENCE

The easy and affordable digital signage NovoDS Solution lets you reach your audience quickly and effortlessly. Features include:

- **HSV**
  - Importing media files from remote storage
  - Customizable templates
  - Intelligent contentized playlist management
  - Network supervision

---

### NovoDS Solution

**NovoDS4K**

- **Model**: DS400, DS300, DS100
- **Display Resolution**: 3840 x 2160 (4K-UltraHD at 30 fps); 1920 x 1080 (1080p at 60 fps); 1280 x 720 (720p at 60 fps)
- **Output Orientation**: Portrait, Landscape
- **Media/Format Supported**: Images: JPEG, PNG, BMP; Video: MP2, MP4, 3GP, AVI, MOV, WMV; Audio: MP3, WMA, AAC

**NovoDS**

- **Model**: DS300, DS100
- **Display Resolution**: 3840 x 2160 (4K-UltraHD at 30 fps); 1920 x 1080 (1080p at 60 fps); 1280 x 720 (720p at 60 fps)
- **Output Orientation**: Portrait, Landscape
- **Media/Format Supported**: Images: JPEG, PNG, BMP; Video: MP2, MP4, 3GP, AVI, MOV, WMV; Audio: MP3, WMA, AAC

**NovoDSmini**

- **Model**: DS100
- **Display Resolution**: 1920 x 1080 (1080p at 60 fps); 1280 x 720 (720p at 60 fps)
- **Output Orientation**: Portrait, Landscape
- **Media/Format 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

**Storage**

- Internal: 32 GB (29 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**

- WiFi: 802.11 AC (2.4 GHz & 5 GHz)
- Ethernet: 1 Gbps

**Power Supply**

- 100 - 240V AC, 50/60 Hz
- DC output: 5V@2A

**Power Consumption**

- < 10W

**Dimensions**

- (L x W x H): 152 x 113 x 22.5 mm

---

**NovoDS4K**

- **Model**: DS400, DS300, DS100
- **Display Resolution**: 3840 x 2160 (4K-UltraHD at 30 fps); 1920 x 1080 (1080p at 60 fps); 1280 x 720 (720p at 60 fps)
- **Output Orientation**: Portrait, Landscape
- **Media/Format Supported**: Images: JPEG, PNG, BMP; Video: MP2, MP4, 3GP, AVI, MOV, WMV; Audio: MP3, WMA, AAC

**NovoDS**

- **Model**: DS300, DS100
- **Display Resolution**: 3840 x 2160 (4K-UltraHD at 30 fps); 1920 x 1080 (1080p at 60 fps); 1280 x 720 (720p at 60 fps)
- **Output Orientation**: Portrait, Landscape
- **Media/Format Supported**: Images: JPEG, PNG, BMP; Video: MP2, MP4, 3GP, AVI, MOV, WMV; Audio: MP3, WMA, AAC

**NovoDSmini**

- **Model**: DS100
- **Display Resolution**: 1920 x 1080 (1080p at 60 fps); 1280 x 720 (720p at 60 fps)
- **Output Orientation**: Portrait, Landscape
- **Media/Format 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)
- DC Power Jack

**Storage**

- 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**

- WiFi: 802.11 AC (2.4 GHz & 5 GHz)
- Ethernet: 1 Gbps

**Power Supply**

- 100 - 240V AC, 50/60 Hz
- DC output: 5V@2A

**Power Consumption**

- < 10W

**Dimensions**

- (L x W x H): 120 x 75 x 16 mm

---

**NovoDS4K**

- **Model**: DS400, DS300, DS100
- **Display Resolution**: 3840 x 2160 (4K-UltraHD at 30 fps); 1920 x 1080 (1080p at 60 fps); 1280 x 720 (720p at 60 fps)
- **Output Orientation**: Portrait, Landscape
- **Media/Format Supported**: Images: JPEG, PNG, BMP; Video: MP2, MP4, 3GP, AVI, MOV, WMV; Audio: MP3, WMA, AAC

**NovoDS**

- **Model**: DS300, DS100
- **Display Resolution**: 3840 x 2160 (4K-UltraHD at 30 fps); 1920 x 1080 (1080p at 60 fps); 1280 x 720 (720p at 60 fps)
- **Output Orientation**: Portrait, Landscape
- **Media/Format Supported**: Images: JPEG, PNG, BMP; Video: MP2, MP4, 3GP, AVI, MOV, WMV; Audio: MP3, WMA, AAC

**NovoDSmini**

- **Model**: DS100
- **Display Resolution**: 1920 x 1080 (1080p at 60 fps); 1280 x 720 (720p at 60 fps)
- **Output Orientation**: Portrait, Landscape
- **Media/Format 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)
- DC Power Jack

**Storage**

- 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**

- WiFi: 802.11 AC (2.4 GHz & 5 GHz)
- Ethernet: 1 Gbps

**Power Supply**

- 100 - 240V AC, 50/60 Hz
- DC output: 5V@2A

**Power Consumption**

- < 10W

**Dimensions**

- (L x W x H): 100 x 100 x 20 mm
NovoConnect solution allows users to wirelessly connect to the big screen from the laptop, tablet, or smartphone of their choice. Up to four users can share screens simultaneously. Innovative annotation tools make it easy for everyone to join in the conversation. Snapshot and wireless file sharing functionalities help keep everyone in the loop.

NovoConnect offers flexibility and easy implementation within the existing infrastructure of any meeting room, eliminating the need to purchase additional equipment. Employees and guests can easily share content, leading to effective and productive meetings and energized collaboration. With its Bring Your Own Device concept, the new range of NovoTouch interactive screens complete the range to provide users with a complete wireless connectivity to a variety of devices.

**NovoTouch**
NovoTouch is an all-in-one premium choice featuring an interactive screen available in various sizes.

**NovoPro**
NovoPro is designed to be integrated into the existing network and deployed to multiple rooms.

**NovoEnterprise**
NovoEnterprise is the ideal companion for a meeting room projector, or screen - ensuring optimal standalone WiFi performance.

**LauncherPlus**
The optional LauncherPlus connects to a laptop to establish a direct WiFi connection. This USB dongle greatly simplifies the connection. With zero impact on the existing network, this USB dongle makes WiFi connection to NovoConnect devices easy and secure.
### NovoCast

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<thead>
<tr>
<th>Model</th>
<th>NCX10S</th>
<th>NP2003</th>
<th>NE3000EU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Support Operating System</td>
<td>Windows 7 / 8 / 10 (32 bit and 64 bit), macOS 10.7 and above, iOS 7.0 and above, Android 4.0 and above</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Desktop Streaming</td>
<td>up to 1080p, 60 fps</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mobile Screen Mirroring</td>
<td>Google cast for Android; AirPlay for iOS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Usage Mode</td>
<td>Education mode; Corporate mode; Education mode</td>
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<tr>
<td>Max. Participants</td>
<td>Up to 8; Up to 64</td>
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<tr>
<td>Split Screen</td>
<td>Up to 4</td>
<td></td>
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</tr>
<tr>
<td>WiFi</td>
<td>802.11n/g/b, 2.4GHz, 1T1R with 1 external antenna; 802.11ac, b/g/n 2.4GHz &amp; 5GHz, 2T2R with 2 external antennae</td>
<td></td>
<td></td>
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<tr>
<td>Output</td>
<td>HDMI-Out; Audio-Out 3.5mm mini jack</td>
<td></td>
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<tr>
<td>Output Resolution</td>
<td>FullHD1080p (1920 x 1080); WXGA (1280 x 800); HD720p (1280 x 720); XGA (1024 x 768)</td>
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<tr>
<td>Input</td>
<td>USB Type A; MicroSD Slot; DC Jack Power-In; Optional Ethernet RJ45 Adaptor</td>
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<tr>
<td>CPU</td>
<td>ARM Cortex A9 Quad-Core at 1.6 GHz</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Storage</td>
<td>8GB</td>
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<tr>
<td>Security</td>
<td>Dual Network WiFi &amp; LAN; AES-256 encryption; Kensington lock</td>
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<tr>
<td>Power</td>
<td>Input to AC adaptor: AC 100-240V, 50/60Hz. Output from AC adaptor: 5V/2A. Consumption: 10W</td>
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<tr>
<td>Dimensions (L x W x H)</td>
<td>100 x 100 x 20 mm</td>
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</tr>
<tr>
<td>Weight</td>
<td>184 g</td>
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### NovoPro

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<tr>
<th>Model</th>
<th>LKX530S</th>
<th>LKX530L</th>
<th>LKX530W</th>
<th>LKX530T</th>
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<tbody>
<tr>
<td>Display Technology</td>
<td>Backlit LED (IPS Panel)</td>
<td>Backlit LED (IPS Panel)</td>
<td>Backlit LED (IPS Panel)</td>
<td>Backlit LED (IPS Panel)</td>
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<tr>
<td>Panel Size:</td>
<td>86”</td>
<td>98”</td>
<td>98”</td>
<td>98”</td>
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<tr>
<td>Aspect Ratio:</td>
<td>16:9</td>
<td>16:9</td>
<td>16:9</td>
<td>16:9</td>
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<tr>
<td>Brightness:</td>
<td>350cd/m²</td>
<td>330cd/m²</td>
<td>440cd/m²</td>
<td>440cd/m²</td>
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<td>Contrast Ratio (Typical):</td>
<td>1,200:1</td>
<td>1,250:1</td>
<td>1,300:1</td>
<td>1,300:1</td>
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<td>Native Resolution:</td>
<td>4K UltraHD (3840 x 2160)</td>
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<tr>
<td>Viewing Angle: (Horizontal)</td>
<td>178°/178°</td>
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<td></td>
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<tr>
<td>Refresh Rate (Hz):</td>
<td>60Hz</td>
<td></td>
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<tr>
<td>Display Color (Bit):</td>
<td>1.06 billion (10-bit)</td>
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<tr>
<td>Orientation:</td>
<td>Landscape</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Touch Technology:</td>
<td>Infrared Touch</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Touch Points:</td>
<td>10 Writing, 20 Touch</td>
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<tr>
<td>Surface Protection:</td>
<td>Single-Touch Infrared and Multi-Touch Infrared</td>
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<td></td>
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<tr>
<td>Maximum Touch:</td>
<td>Finger, Stylus, Glove, Opaque Objects</td>
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<tr>
<td>Gesture Supported:</td>
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<td></td>
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<tr>
<td>System Version:</td>
<td>Android™ v6.0</td>
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<tr>
<td>CPU</td>
<td>RK3399, Dual-Core ARM® Cortex® A72 and Quad Core ARM® Cortex® A53</td>
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<tr>
<td>GPU</td>
<td>Mali™ T860, Mali™ T860, Mali™ T860, Quad Core GPU</td>
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<tr>
<td>RAM</td>
<td>4GB DDR3, 4GB DDR3, 4GB DDR3, 1.5G RAM</td>
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<tr>
<td>Internal Storage</td>
<td>16GB, 16GB, 16GB, 8GB</td>
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<tr>
<td>OS Compatibility:</td>
<td>Windows® (Windows 7 and above: Driver Free, max/OS-10.10 and above), Android™ (2.2/3.0/4.1/4.2 (Kernel v3.5 and above - Driver Free), Chrome (v39 and above), Linux (Kernel v3.5 and above)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>I/O Ports:</td>
<td>HDMI v2 (x1), HDMI v1.4 (x2), DisplayPort (x1), VGA-In (x3), Audio-In (x3), Audio-Out (3.5mm (x1), HDMI-Out (x1), LAN (RJ45) (x1), RS232 (x1), USB Type A (2.0 (x4), USB Type B (x2)</td>
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<td></td>
<td></td>
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<tr>
<td>Internal Speakers</td>
<td>HDMI v1.4 (x1), HDMI v1.3 (x2), HDMI v1.2 (x2), HA-In (x1), HA-Out (x1), Audio-In (x1), Audio-Out (x1), Audio-Out (x1), Coaxial-Out (x1), LAN (RJ45) (x1), RS232 (x1), USB Type A (2.0 (x4), USB Type B (x2)</td>
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<tr>
<td>Power Supply (Internal):</td>
<td>AC 100-240V, 50/60Hz</td>
<td></td>
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</tr>
<tr>
<td>Dimensions:</td>
<td>1,521 x 915 x 99 mm</td>
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</tr>
<tr>
<td>Weight: (Net)</td>
<td>46 kg</td>
<td></td>
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<tr>
<td>Accessories (Standard):</td>
<td>AC Power Cord, VGA Cable, USB Cable, Stylus (x3), Remote Control, Wall Mount Kit, Documentation Kit</td>
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### NovoEnterprise

<table>
<thead>
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<th>Model</th>
<th>QL300</th>
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</thead>
<tbody>
<tr>
<td>Support Operating System</td>
<td>Windows 7 / 8 / 10 (32 bit and 64 bit), macOS 10.7 and above, iOS 7.0 and above</td>
</tr>
<tr>
<td>WiFi</td>
<td>Embedded WiFi</td>
</tr>
<tr>
<td>Dimensions (L x W x H)</td>
<td>78 x 70 x 14 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>60 g</td>
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</tbody>
</table>
Delta Display Solutions, a division of Delta, is a pioneer in the development of professional displays for control rooms in surveillance, security, traffic, command & control, energy companies, process control, telecommunications and broadcast applications. Delta offers a wide range of display technologies, including: DLP® video walls with rear-projection with laser and Next Gen LED technology, ultra-flat LCD video walls and high-resolution indoor / outdoor LED displays with a powerful and extremely flexible management software suite.

Delta’s visual display applications include projection and video wall products. For control rooms and public information display environments, Delta offers innovative laser-light and led-light source rear projection video wall, LED displays and LCD video walls integrated variant display controllers for large area video walls.