DHN®

PRODUCT CATALOG

Create a world-class national brand

COMPANY PROFILE

DIHENG Technology Co., Ltd.

DHN is a technology-based enterprise focusing on laser projection R&D, sales, and service.

The main business of DHN is divided into two parts: hardware R&D and production of projection-specific products.

In terms of hardware R&D, DHN not only focuses on projector R&D but also on project applications in various industries.

On the way to branding, all the staff of DHN adhere to the spirit of projection, and practice the development concept of "creating a world-class national brand", realizing the national brand with national characteristics!

Our vision

Based on product innovation, create value for customers, and become a trustworthy and a century-old enterprise

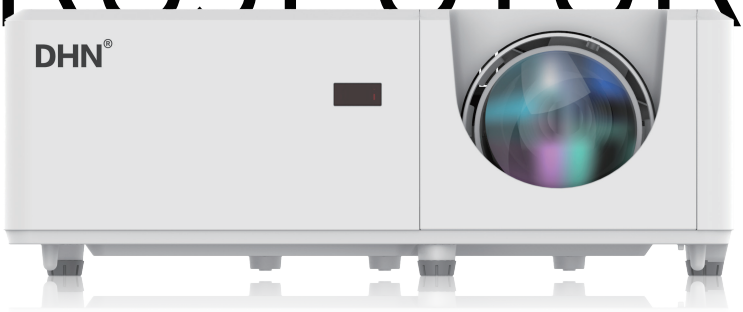
Our mission

Create a world-class national brands

Our culture

Customer first, honesty and cooperation; Gratitude, hard working and change embracing

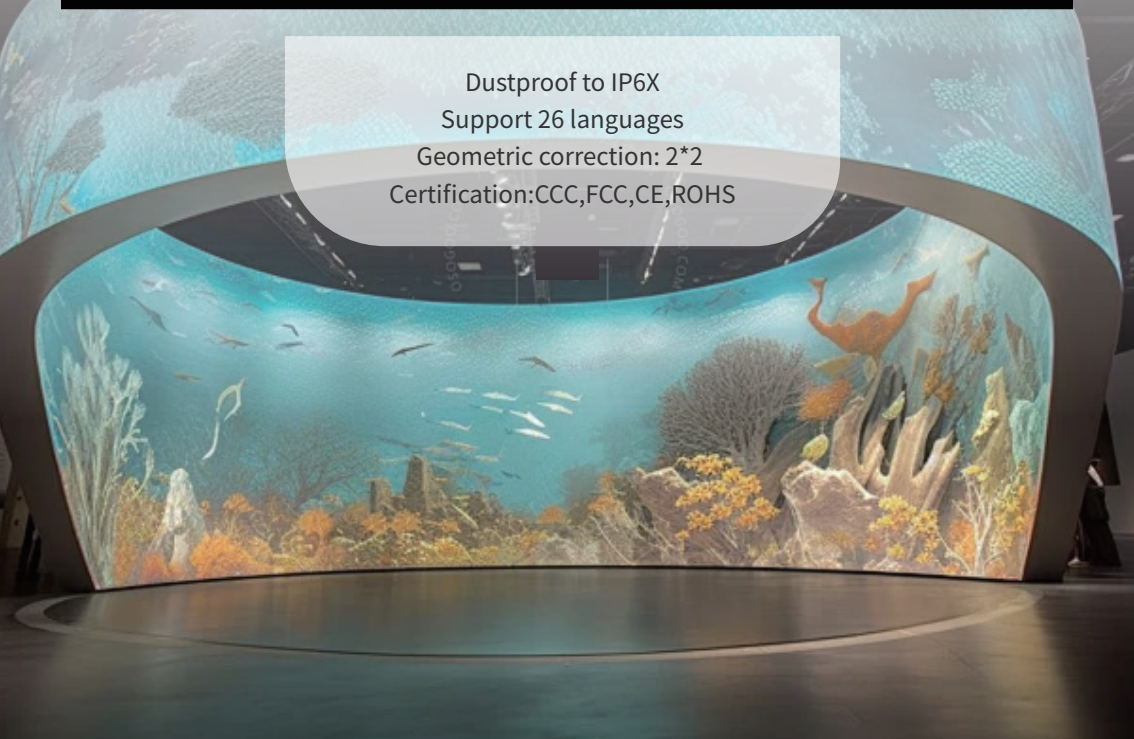
TH410
LASER PROJECTOR



DLP projection technology, equipped with 0.65 inch TI
Waterproof, dustproof and smokeproof
Support DLP LINK Active 3D

7*24 hours uninterrupted and stable operation
Red light up to 10%, colors are more vibrant
Built-in four-corner stretching and horizontal and vertical trapezoidal correction

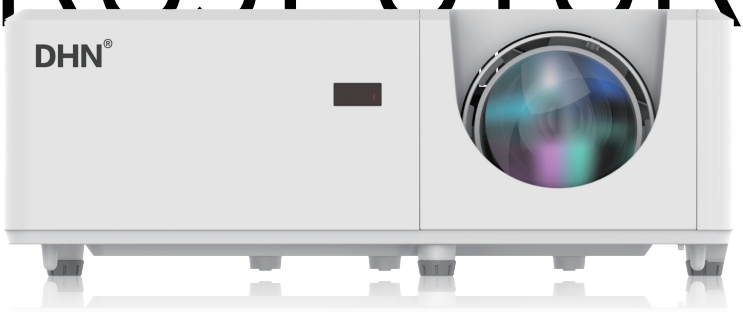
Dustproof to IP6X
Support 26 languages
Geometric correction: 2*2
Certification:CCC,FCC,CE,ROHS



Main parameter

Specifications	TH410
Display technology	DLP
Display panel	0.65 inch TI DLP
Output brightness	4100 ANSI lumens
Throw ratio	0.496
Physical resolution	1080P(1920*1080)
Contrast ratio	300000:1
Projection size (diagonal)	80-150 inch
Image format	16：9
Projection mode	support 2x360°
Geometric correction	2*2
Scanning frequency	H: 15~ 100KHz, V: 24~85Hz
Computer compatible format	VGA, SVGA, XGA,SXGA,WXGA,UXGA WUXGA,4K@30Hz
Signal output input interface	Input:HDMI*2, VGA*1, video Input and output port*1, 3.5mm audio input*1 output:vga output*1, audio output*1
Working noise	35db/30db
Laser light source	MCL laser light source
Lifetime of laser light source	20000 hours
Power	Normal Working Mode 233W, Energy-Saving Working Mode 160W, Stand-by Mode <0.5W
Control	RS-232D-sub 9-pin*1
Dimension	337*265*122.5mm
Product weight	4.4kg

DW410ST
LASER PROJECTOR



DLP projection technology, equipped with 0.65 inch TI
7*24 hours uninterrupted and stable operation
Support DLP LINK Active 3D

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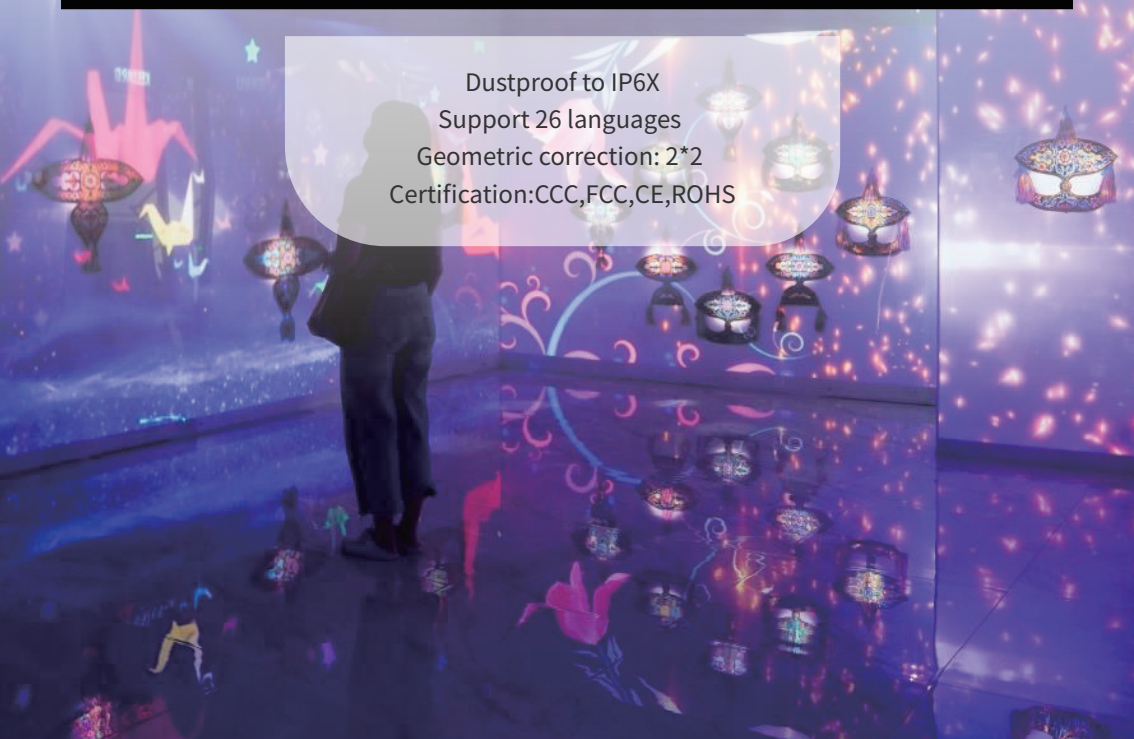


Main parameter

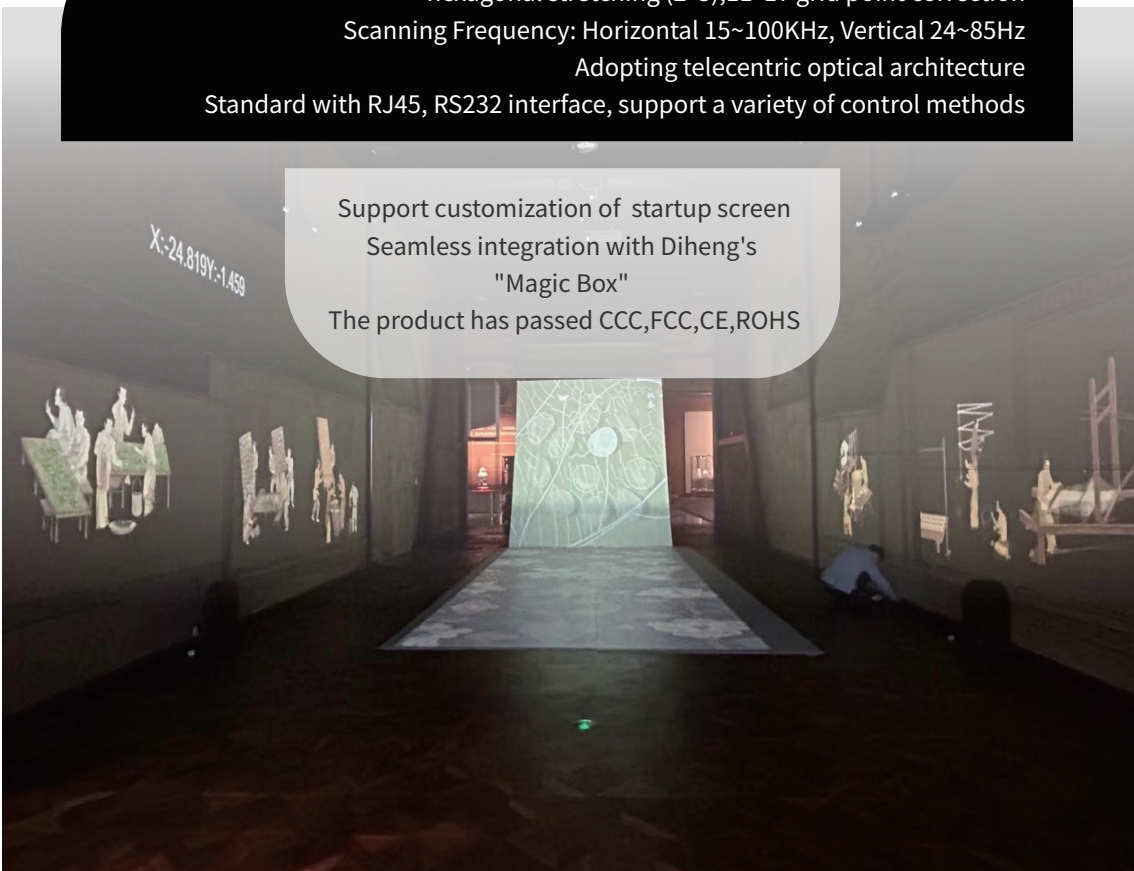
Specifications	DW410ST
Display technology	DLP
Display panel	0.65 inch TI DLP
Output brightness	4100 ANSI lumens
Throw ratio	0.521
Physical resolution	1280*800
Contrast ratio	300000:1
Projection size (diagonal)	80-150 inch
Image format	16：10
Projection mode	support 2x360°
Geometric correction	2*2
Scanning frequency	H: 15~ 100KHz, V: 24~85Hz
Computer compatible format	VGA, SVGA, XGA,SXGA,WXGA,UXGA WUXGA,4K@30Hz
Signal output input interface	Input:HDMI*2, VGA*1, Video Input and output port*1, 3.5mm audio input*1 output:vga output*1, audio output*1
Working noise	35db/30db
Laser light source	MCL laser light source
Lifetime of laser light source	20000 hours
Power	Normal Working Mode 233W, Energy-Saving Working Mode 160W, Stand-by Mode <0.5W
Control	RS-232D-sub 9-pin*1
Dimension	337*265*122.5mm
Product weight	4.4kg

DU5000
LASER PROJECTOR

3LCD projection technology, equipped with 3*0.64 inch liquid crystal chip
Light source type: MCL laser light source
Light source duration: 20000hrs (normal mode)
25000hrs (energy saving mode)

Geometric correction: quadrangle stretching (2*2)
hexagonal stretching (2*3),11*17 grid point correction
Scanning Frequency: Horizontal 15~100KHz, Vertical 24~85Hz
Adopting telecentric optical architecture
Standard with RJ45, RS232 interface, support a variety of control methods

Support customization of startup screen
Seamless integration with Diheng's "Magic Box"
The product has passed CCC,FCC,CE,ROHS



Main parameter

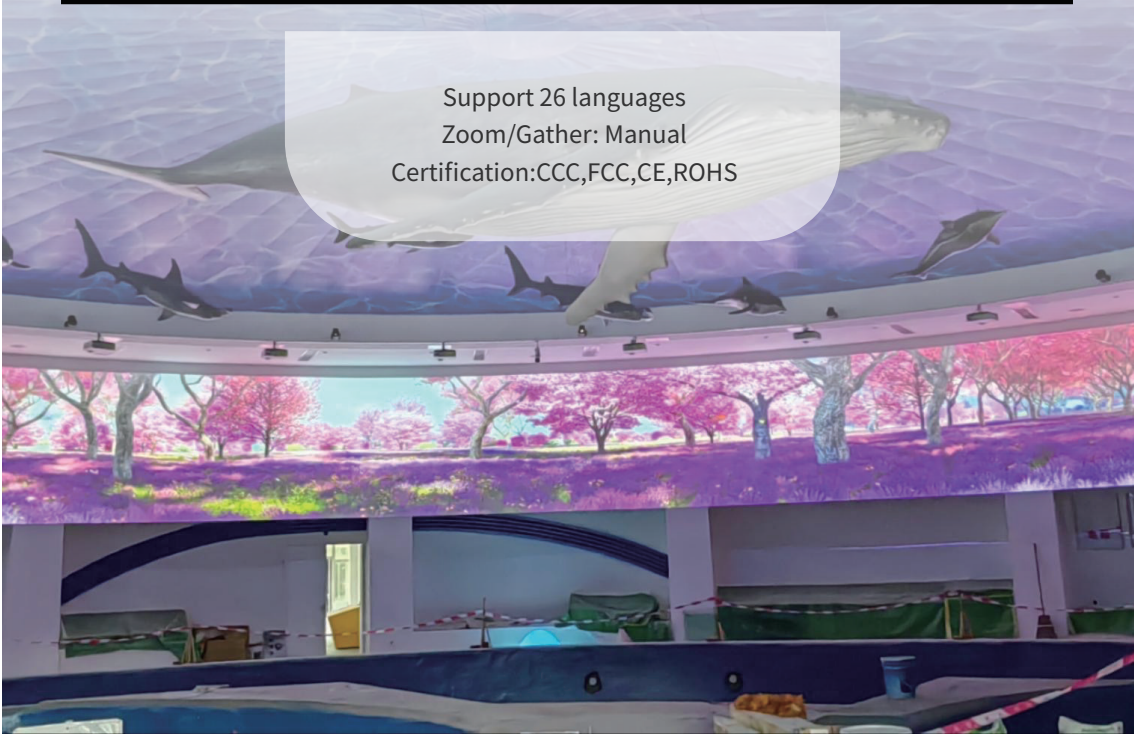
Specifications	DU5000
Display technology	3LCD (Liquid Crystal Display)
Display panel	3 x 0.64"
Output brightness	5000 ANSI lumens
Throw ratio	1.37-1.65
Physical resolution	1920*1200
Rated voltage	AC 100 ~ 240V, 50/60Hz
Contrast ratio	5000000:1
Projection lens(throw ratio)	2 optional lenses：GM-JX060D (0.6), GM-JX070D (0.7)
Projection size (diagonal)	30-300 inch
Image format	Default 16:10, adjustable: 4:3,16:9
Projection mode	Support 2x360°
Geometric correction	Quadrangle stretching (2*2), hexagonal stretching (2*3), wall corner corner correction, surface correction, 11*17 grid point correction
Signal output input interface	Input:VGA*1，HDMI in *2，Video*1，Audio in (mini jack, 3.5mm) *1,Audio in (RCA*2) *1, USB-A*1，USB-B*1，RJ45*1,Output:VGA*1, Audio out (mini-jack,3.5mm) *1
Scanning frequency	H: 15~ 100KHz, V: 24~85Hz
Computer compatible format	VGA, SVGA, XGA,SXGA,WXGA,UXGA, WUXGA,4K@30Hz
Working noise	37dB(Normal)，30dB(ECO1) ，28dB(ECO2)
Lifetime of laser light source	20000 hours(normal) 25000hrs (eco)
Overall power consumption	(Normal) (Max) 280W，(ECO1) (Max) 190W，(ECO2) (Max) 170W，ECO Standby Mode<0.5W
Dimension	390*294*128 (WxHxD mm)
Product weight	5KG

DU500ST
LASER PROJECTOR

3LCD projection technology, equipped with 3*0.64 inch liquid crystal chip
Light source type: MCL laser light source
Light source duration: 20000hrs (normal mode),
30000hrs (energy saving mode)

Geometric correction:Quadrangle (2*2), hexagon (2*3), bucket pincushion, 11*17 grid calibration
Scanning frequency: Horizontal 15~100KHz, Vertical 24~85Hz
2*360° multi-angle projection
Standard with RJ45, RS232 interface, support a variety of control methods

Support 26 languages
Zoom/Gather: Manual
Certification:CCC,FCC,CE,ROHS



Main parameter

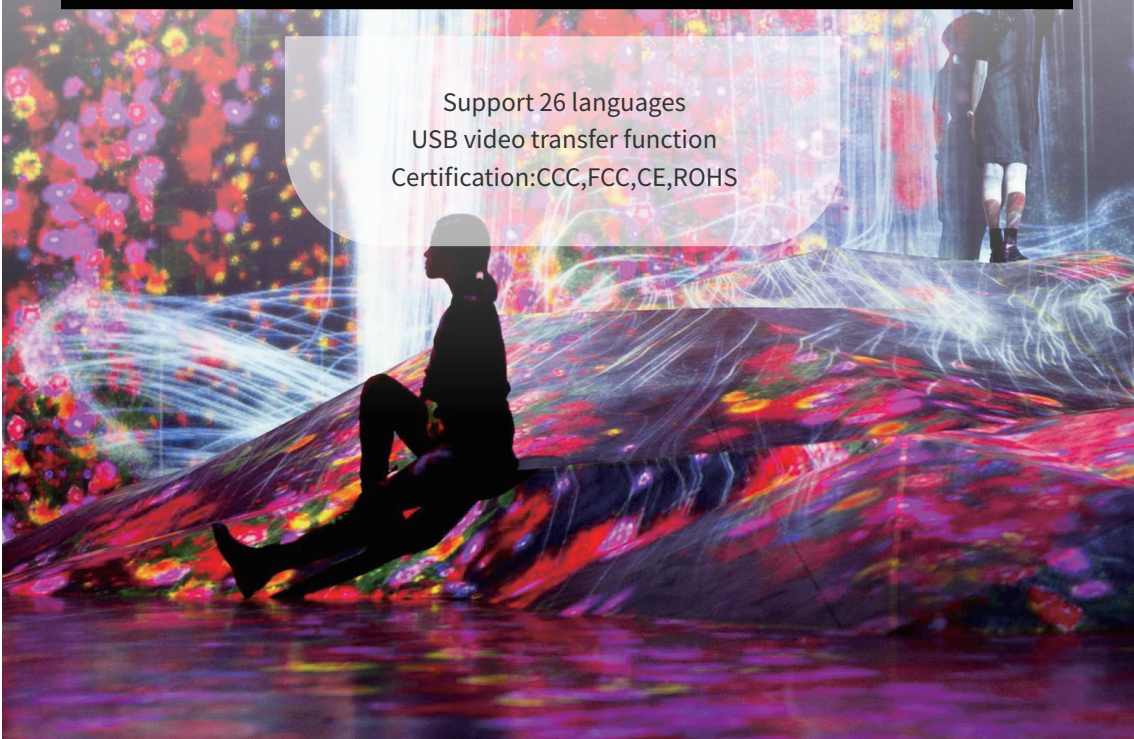
Specifications	DU500ST
Display technology	3LCD (Liquid Crystal Display)
Display panel	3 x 0.64"
Output brightness	5000 ANSI lumens
Throw ratio	0.44
Physical resolution	1920*1200
Rated voltage	AC 100 ~ 240V, 50/60Hz
Contrast ratio	5000000:1
Laser light source	MCL laser light source
Projection size (diagonal)	50-200 inch
Trapezoidal correction	V: ±15° H:±15°
Image format	Default 16:10, adjustable: 4:3,16:9
Projection mode	Support 2x360°
Language	26 languages
Geometric correction	Quadrangle stretching (2*2), hexagonal stretching (2*3), wall corner corner correction, surface correction, 11*17 grid point correction
Signal output input interface	Input:VGA*1, HDMI 1.4B(IN) *2, USB-A, USB-B (Display) , RJ45*1 (Display) , Audio in (mini jack,3.5mm) *1, Output:VGA*1, Audio out (mini-jack,3.5mm) *1 Control interface:RS232*1, RJ45*1 (Control), USB-B*1 (For upgrade)
Scanning frequency	H: 15~ 100KHz, V: 24~85Hz
Computer compatible format	VGA, SVGA, XGA,SXGA,WXGA,UXGA, WUXGA,4K@30Hz
Working noise	37dB(Normal) 27dB(ECO)
Lifetime of laser light source	20000 hours(normal) 30000hrs (eco)
Overall power consumption	(Normal) (Max) 280W, (ECO1) (Max) 190W, (ECO2) (Max) 170W, ECO Standby Mode<0.5W
Dimension	390*319*144mm
Product weight	5.5kg

DU530UST
LASER PROJECTOR

3LCD projection technology, equipped with 3*0.64 inch liquid crystal chip
Light source type: MCL laser light source
Focusing technology: corner/centre split focusing technology
Standard with RJ45, RS232 interface, support a variety of control methods

Geometric correction:Quadrangle (2*2), hexagon (2*3), bucket pincushion, 11*17 grid calibration
Lifting auto-turnover
2*360° multi-angle projection
Network Control: RoomView (Crestron), AMX Discovery, PJ Link

Support 26 languages
USB video transfer function
Certification:CCC,FCC,CE,ROHS



Main parameter

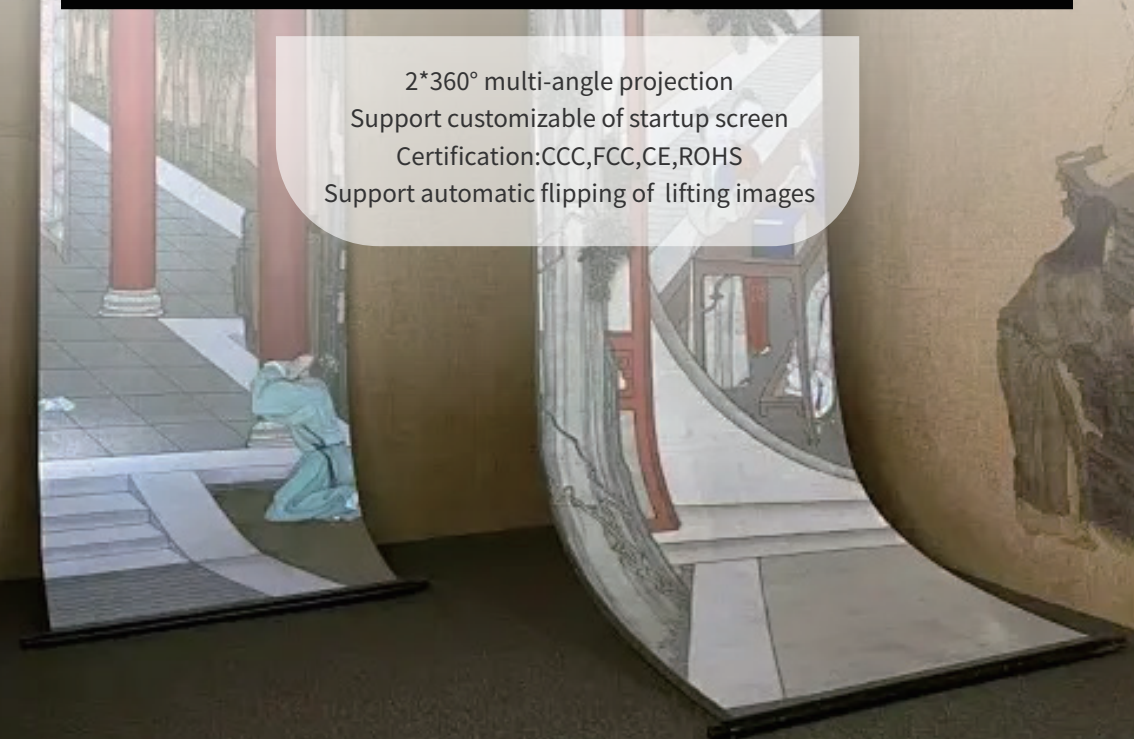
Specifications	DU530UST
Display technology	3LCD (Liquid Crystal Display)
Display panel	3 x 0.64"
Output brightness	5300 ANSI lumens
Throw ratio	0.235
Physical resolution	1920*1200
Light Source Life	20000hrs(Normal mode), 25000hrs (Energy saving mode)
offset	117%
Colour range	105% Rec.709
Projection size (diagonal)	80-150 inch (normal lens)
Contrast Ratio	5000000:1 (normal lens)
Noise Value-Full/Eco	37dB(Normal) 27dB(ECO)
Image Scale	Default16:10,Adjust：4:3/16:9
Londer	16W*1
Geometric correction	Quadrangle stretching (2*2), hexagonal stretching (2*3), wall corner corner correction, surface correction, 11*17 grid point correction
Signal output input interface	Input: VGA*1, HDMI 1.4B(IN) *2, USB-A*1, USB-B*1 (Display) , RJ4 (Display) , Audio in (mini jack,3.5mm) *1 Output:VGA*1, Audio out (mini-jack,3.5mm) *1 Control interface:RS232*1, RJ45*1 (Control), USB-B*1 (For upgrade)
Rated voltage	100~240V@ 50/60Hz
Network Control	RoomView (Crestron)、AMX Discovery 、PJ Link
Trapezoidal Correction	V: ±5° H：±5°
Lifetime of laser light source	20000 hours(normal) 30000hrs (eco)
Power Consumption	(Normal) (Max) 360W, (ECO1) (Max) 280W, (ECO2) (Max) 230W,ECO Standby Mode<0.5W
Dimension	520*435*168mm
Product weight	11KG

DU5500
LASER PROJECTOR

3LCD projection technology, equipped with 3*0.64 inch liquid crystal chip
Light source type: MCL laser light source
Light source duration: 20000hrs (normal mode)
25000hrs (energy saving mode)
Standard with RJ45, RS232 interface, support a variety of control methods

Geometric correction:Quadrangle (2*2), hexagon (2*3), bucket pincushion, 11*17 grid calibration
Scanning Frequency: Horizontal 15~100KHz, Vertical 24~85Hz
2*360° multi-angle projection
Red light account for 14%, 100% CLO,105% Rec70 color gamut

2*360° multi-angle projection
Support customizable of startup screen
Certification:CCC,FCC,CE,ROHS
Support automatic flipping of lifting images



Main parameter

Specifications	DU5500
Display technology	3LCD (Liquid Crystal Display)
Display panel	3 x 0.64"
Output brightness	5500 ANSI lumens
Throw ratio	1.2-2.0
Physical resolution	1920*1200
Projection size (diagonal)	30-300 inch
Lens displacement range	vertical 0%~+60%
Image format	16:10 (Normal) 4:3 ,16:9 (adjustable)
Projection mode	Support 2x360°
Contrast Ratio	5000000:1 (normal lens)
Scanning frequency	H: 15~ 100KHz, V: 24~85Hz
Computer compatible format	VGA, SVGA, XGA,SXGA,WXGA,UXGA, WUXGA,4K@30Hz
Working noise	37dB(Normal) , 30dB(ECO1), 28dB(ECO,2)
Geometric correction	Quadrangle stretching (2*2), hexagonal stretching (2*3), wall corner corner correction, surface correction, 11*17 grid point correction
Signal output input interface	Input:VGA*1, HDMI in *2, Video*1, Audio in (mini jack, 3.5mm) *1,Audio in (RCA*2) *1, USB-A*1, USB-B*1, RJ45*1 Output:VGA*1, Audio out (mini-jack,3.5mm) *1 Control Interface RS232*1, RJ45*1 (Control), USB-B*1 , LAN*1
Rated voltage	100~240V@ 50/60Hz
Laser light source	MCL laser light source
Projection lens(throw ratio)	6 optional lenses：GM-BD053B(0.53-0.65), GM-BD057D(0.57), GM-BD060D (0.6), GM-BD070D (0.7),GM-BD080D(0.8), GM-BD150B(1.5-3.0)
Lifetime of laser light source	20000 hours(normal) 30000hrs (eco)
Power consumption	(Normal) (Max) 280W, (ECO1) (Max) 190W, (ECO2) (Max) 170W,ECO Standby Mode<0.5W
Dimension	390*294*128 (WxHxD mm)
Product weight	5.2KG

DK5600
LASER PROJECTOR

DLP projection technology
New MCL laser light source with up to 20,000 hours of light source lifetime
Brightness up to 5600 ISO lumens and 6200 ISO lumens respectively
Physical resolution up to 4K UHD resolution
Telecentric optics for improved brightness and colour uniformity

Interchangeable lens design
Supports 1080P@120Hz and 1080P@240Hz high refresh rates
Unique 2.4:1 aspect ratio
Supports Glaze Colour and Chinese Red image display modes
Support active 3D and passive 3D projection.

Equipped with HDMI 2.0 and DP interface
Support lens shift
Support six-way keystone correction
2*360 degrees can be flexible projection

Main parameter

Specifications	DK5600
Technology	DLP
Chip	0.47" DMD, DLPC7541
Resolution	4K UHD (3840 *2160),compatible resolution VGA (640 x 480) ~ 4K UHD (3840 x 2160)
Uniformity	80%
Color Gamut	92% Rec.709
Center Brightness	5650 Lumens
Brightness	5600 ANSI
Lens Shift	Horizontal Shift ±23%, Vertical Shift ±55
Laser display technology	blue laser + fluorescent technology
Light source life	20000 hours in standard mode;
Lens Type	Manual Lens
Lens Throw Ratio	1.6X, 1.36-2.18 (Wide 95" @ 2.85m)
Standard Lens Parameters	F/# =1.809, F= 14.3(Wide) ~ 22.9(Tele)
Input Connector	HDMI 2.0(2.0b / HDCP 2.2) * 2, Display Port*1 (1.2a), 3D VESA in *1
Output Connector	Audio out *1, 12v trigger *1, S/PDIF *1(support 2.0 / 5.1channel), 3D VESA out *1
Control Interface	USB-A *1, RS232 *1, LAN *1, Wired Remote in *1, Wired Remote out *1
Control Interface	USB-A *1, RS232 *1, LAN *1, Wired Remote in *1, Wired Remote out *1
Optional Lens	0.81-0.89, 0.5, 0.7
1080p 120Hz High Brush	Supported
1080p 240Hz High Brush	Supported
Auto Keystone Correction	Support
Noise	40/33 dBA (XPR on), 39/32dBA (XPR off)
Power Specification	Power Specification: AC 100~240 V, 50/60 Hz
Dimension	416(W)x351(L)X166(H) (with footrest without lens)
Product weight	7KG

DU600ST
LASER PROJECTOR

3LCD projection technology, equipped with 3*0.64 inch liquid crystal chip
Light source type: MCL laser light source
Light source duration: 20000hrs (normal mode),
30000hrs (energy saving mode)
Standard with RJ45, RS232 interface, support a variety of control methods

Geometric correction:Quadrangle (2*2), hexagon (2*3), bucket pincushion, 11*17 grid calibration
Scanning Frequency: Horizontal 15~100KHz, Vertical 24~85Hz
2*360° multi-angle projection

Support 26 languages
Zoom/Gather: Manual
Certification:CCC,FCC,CE,ROHS

Main parameter

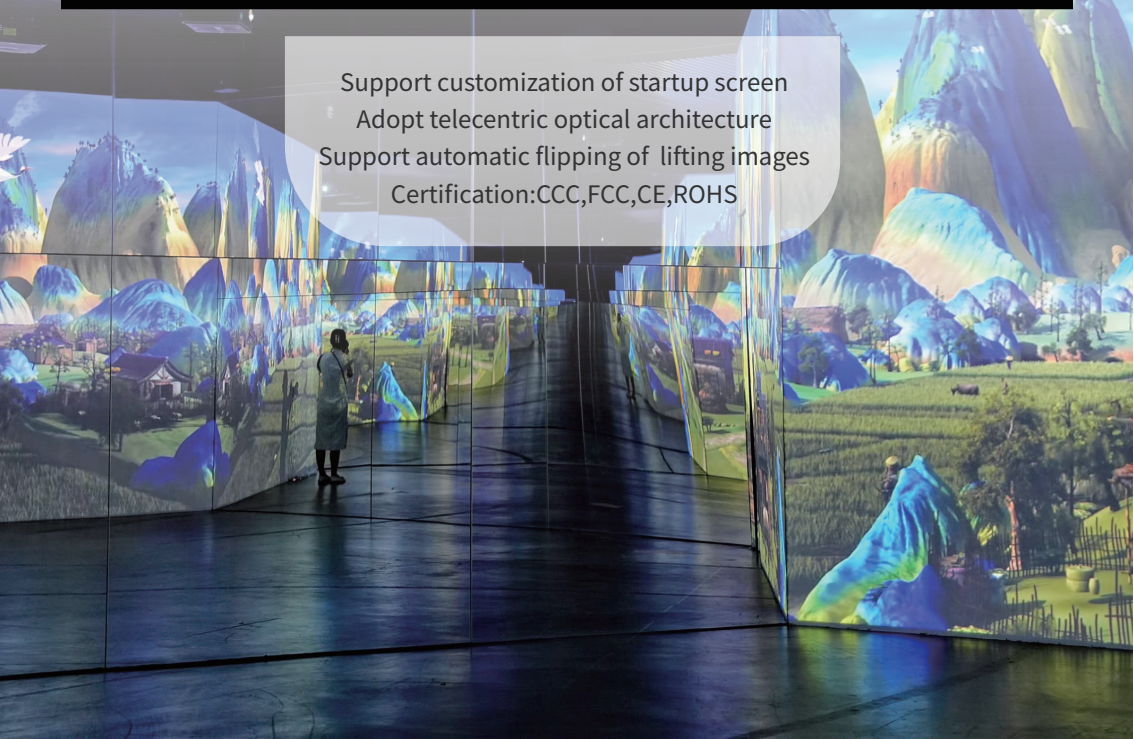
Specifications	DU600ST
Display technology	3LCD (Liquid Crystal Display)
Display panel	3 x 0.64"
Output brightness	6000 ANSI lumens
Throw ratio	0.44
Physical resolution	1920*1200
Contrast ratio	5000000:1
Projection size (diagonal)	70-300 inch
Image format	Default 16:10, adjustable: 4:3/16:9
Projection mode	support 2x360°
Scanning frequency	H: 15~ 100KHz, V: 24~85Hz
Computer compatible format	VGA, SVGA, XGA, SXGA,WXGA,UXGA, WUXGA,4K@30Hz
Working noise	37dB(Normal) 27dB(ECO)
Londer	16W*1
Geometric correction	Quadrangle stretching (2*2), hexagonal stretching (2*3), wall corner corner correction, surface correction, 11*17 grid point correction
Signal output input interface	Input:VGA*1, HDMI 1.4B(IN) *2, USB-A*1, USB-B*1 (Display) , RJ45*1 (Display) , Audio in (mini jack,3.5mm) *1, Output:VGA*1, Audio out (mini-jack,3.5mm) *1
Laser light source	MCL laser light source
Network control	RoomView (Crestron)、AMX Discovery 、PJ Link
Rated voltage	100~240V@ 50/60Hz
Lifetime of laser light source	20000 hours(normal) 30000hrs (eco)
Overall power consumption	(Normal) (Max) 360W, (ECO1) (Max) 280W, (ECO2) (Max) 230W,ECO Standby Mode<0.5W
Dimension	399×402×155mm
Product weight	7.9KG (with lens)

DU6200
LASER PROJECTOR

3LCD projection technology, equipped with 3*0.64 inch liquid crystal chip
Light source type: MCL laser light source
Light source duration: 20000hrs (normal mode),
25000hrs (energy saving mode)
Standard with RJ45, RS232 interface, support a variety of control methods

Geometric correction:Quadrangle (2*2), hexagon (2*3), bucket pincushion, 11*17 grid calibration
Scanning Frequency: Horizontal 15~100KHz, Vertical 24~85Hz
2*360° multi-angle projection
USB-B interface directly connected to PC projection display

Support customization of startup screen
Adopt telecentric optical architecture
Support automatic flipping of lifting images
Certification:CCC,FCC,CE,ROHS



Main parameter

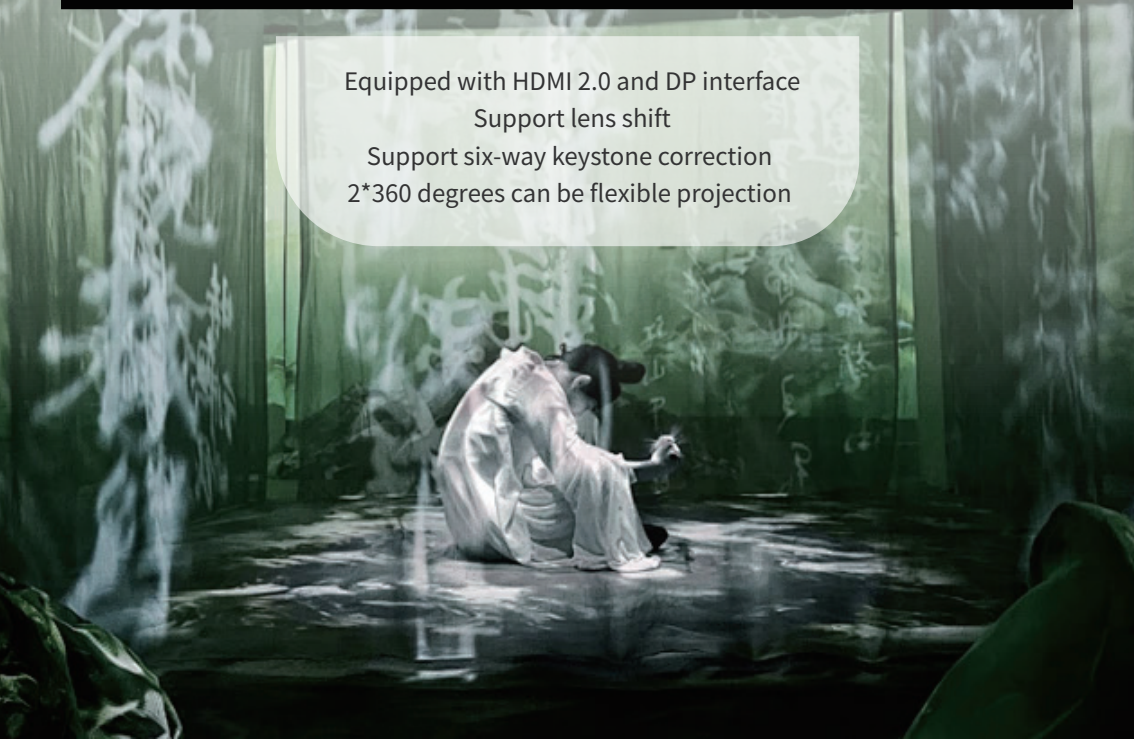
Specifications	DU6200
Display technology	3LCD (Liquid Crystal Display)
Display panel	3 x 0.64"
Output brightness	6200 ANSI lumens
Throw ratio	1.22~1.98
Physical resolution	1920*1200
contrast ratio	5000000:1
Projection size (diagonal)	30-300 inch
Lens displacement range	V:＋60%～0%、H:±29%
Projection mode	Support 2x360°
Scanning frequency	H: 15~ 100KHz, V: 24~85Hz
Computer compatible format	VGA, SVGA, XGA,SXGA,WXGA,UXGA, WUXGA,4K@30Hz
Working noise	37dB(Normal) 27dB(ECO)
Laser light source	MCL laser light source
Geometric correction	Quadrangle stretching (2*2), hexagonal stretching (2*3), wall corner corner correction, surface correction, 11*17 grid point correction
Signal output input interface	Input:VGA*1, HDMI 1.4B(IN) *2, USB-A*1, USB-B*1 (Display) , RJ45*1 (Display) , Audio in (mini jack,3.5mm) *1 Output:VGA*1, Audio out (mini-jack,3.5mm) *1, RS232*1, RJ45*1 (Control), USB-B*1 (For upgrade)
Projection lens(throw ratio)	14 optional lenses：GM-BD031D (0.31), GM-BD036D (0.36) GM-BD038D (0.38),GM-BD050D(0.5), GM-BD053B(0.53-0.65),GM-BD057D(0.57), GM-BD060D(0.6),GM-BD065D(0.65),GM-BD070D(0.7), GM-BD080D(0.8),GM-BD075B(0.75-1.18), GM-BD085B(0.85-1.35),GM-BD095D(0.95), GM-BD150B(1.5-3.0)
Rated voltage	100~240V@ 50/60Hz
Lifetime of laser light source	20000 hours(normal) 30000hrs (eco)
Overall power consumption	(Normal) (Max) 360W, (ECO1) (Max) 280W, (ECO2) (Max) 230W,ECO Standby Mode<0.5W
Dimension	405*358*136 (WxHxD mm)
Product weight	7.7KG

DK6200
LASER PROJECTOR

Projector can be controlled by smartphone or tablet PC, support AMX, PJlink, LAN network control, support for infrared control, support for RS232 serial port control.
Multiple projection control methods
HSG colour adjustment

Interchangeable lens design
Supports 1080P@120Hz and 1080P@240Hz high refresh rates
Unique 2.4:1 aspect ratio
Supports Glaze Colour and Chinese Red image display modes
Support active 3D and passive 3D projection.

Equipped with HDMI 2.0 and DP interface
Support lens shift
Support six-way keystone correction
2*360 degrees can be flexible projection



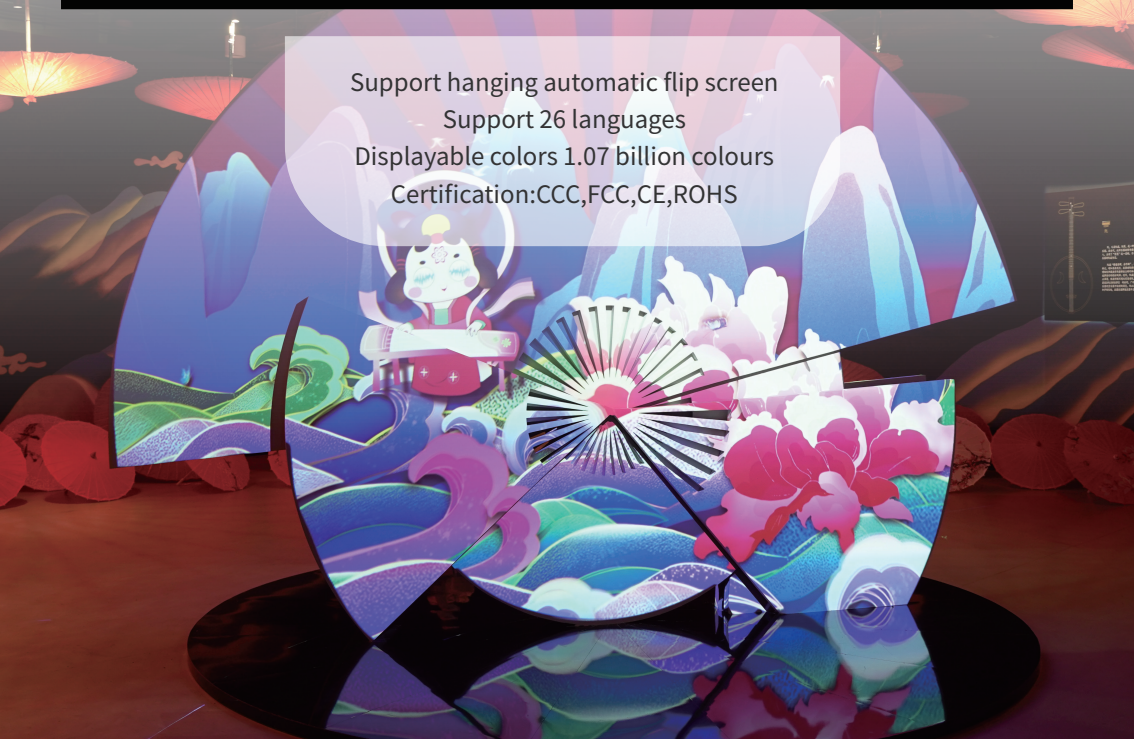
Main parameter

Specifications	DK6200
Technology	DLP
Chip	0.47" DMD, DLPC7541
Resolution	4K UHD (3840 *2160),compatible resolution VGA (640 x 480) ~ 4K UHD (3840 x 2160)
Uniformity	80%
Color Gamut	92% Rec.709
Center Brightness	6250 Lumens
Brightness	6200 ANSI
Lens Shift	Horizontal Shift ±23%, Vertical Shift ±55
Laser display technology	blue laser + fluorescent technology
Light source life	20000 hours in standard mode;
Lens Type	Manual Lens
Lens Throw Ratio	1.6X, 1.36-2.18 (Wide 95" @ 2.85m)
Standard Lens Parameters	F/# =1.809, F= 14.3(Wide) ~ 22.9(Tele)
Input Connector	HDMI 2.0(2.0b / HDCP 2.2) * 2, Display Port*1 (1.2a), 3D VESA in *1
Output Connector	Audio out *1, 12v trigger *1, S/PDIF *1(support 2.0 / 5.1channel), 3D VESA out *1
Control Interface	USB-A *1, RS232 *1, LAN *1, Wired Remote in *1, Wired Remote out *1
Control Interface	USB-A *1, RS232 *1, LAN *1, Wired Remote in *1, Wired Remote out *1
Optional Lens	0.81-0.89, 0.5, 0.7
1080p 120Hz High Brush	Supported
1080p 240Hz High Brush	Supported
Auto Keystone Correction	Support
Noise	40/33 dBA (XPR on), 39/32dBA (XPR off)
Power Specification	Power Specification: AC 100~240 V, 50/60 Hz
Dimension	416(W)x351(L)X166(H) (with footrest without lens)
Product weight	7KG

DU7070
LASER PROJECTOR

DLP projection technology, equipped with 0.67 inch DMD chip
Telecentric optical architecture
Filterless sealed optical design,both silent, efficient heat dissipation, dust-proof triple advantages
Standard with RJ45, RS232 interface, support a variety of control methods

Support 4 points, 2*2 grid pointsgeometric correction
Dual HDMI backup design, with HDMI serial connection circuit
2*360 degrees can be projected flexibly
7*24 hours uninterrupted and stable operation



Support hanging automatic flip screen
Support 26 languages
Displayable colors 1.07 billion colours
Certification:CCC,FCC,CE,ROHS

Main parameter

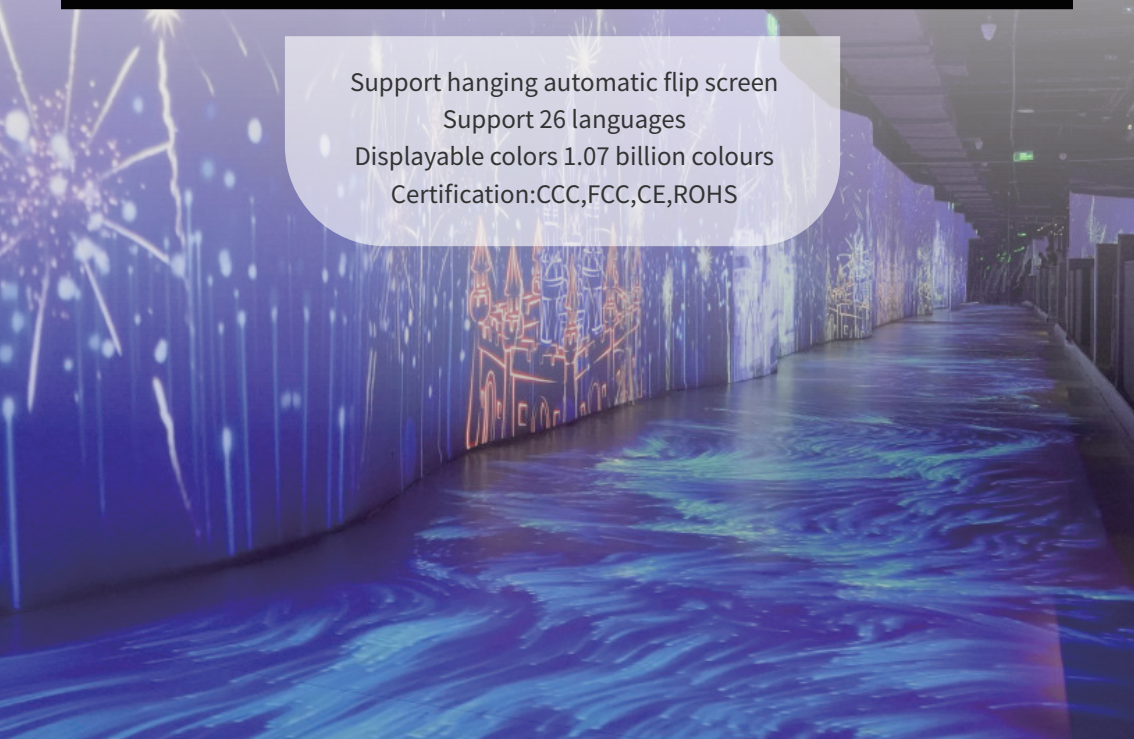
Specifications	DU7060
Display technology	DLP
Display panel	0.67”DMD
Output brightness	7000 ANSI lumens
Throw ratio	1.22~1.53
Physical resolution	1920*1200
Contrast ratio	3000000:1
Projection size (diagonal)	30-300 inch
Lens displacement range	vertical ± 50 ° horizontal direction ± 15 °
Projection mode	720-degree flexible projection
Image format	16:10 (adjustable)
Computer compatible format	Low attenuation constant brightness mode
Working noise	34dB(Normal)
Laser light source	MCL laser light source
Geometric correction	Quadrangle stretching (2*2), hexagonal stretching (2*3), wall corner corner correction, surface correction, 17*17 grid point correction
Signal output input interface	Input:HDMI1.4*1,HDMI2.0*1、HDBaseT*1、3DSYNCIN (BNC) *1 Output:AudioOutJack*1,3DSYNCOUT (BNC) *1 Control interface：LAN*1,WIREDIR*1, RS-232CX1, 12VOUT*1,5V/1,5aUSB*1
Projection lens(throw ratio)	15 optional lenses：GM-HW030D (0.3) , GM-HW034D (0.34) GM-HW053B (0.53-0.65) , GM-HWOS55D (0.55) , GM-HW060D (0.6) , GM-HW070D (0.7) , GMM-HW075D (0.75) , GM-HW080D (0.8) , GM-HW075B (0.75-1.12) , GMM-HW090D (0.9) , GM-HW072B (0.72-1.2) , GM-HW105B (1.05-1.7) , GMM-HW150B (1.50-3.0)
Rated voltage	AC 90~ 264V, 50/60 Hz
Lifetime of laser light source	20000hrs
Overall power consumption	330W
Dimension	480*139*376 mm
Product weight	12KG

DU7600
LASER PROJECTOR

DLP projection technology, equipped with 0.67 inch DMD chip
Telecentric optical architecture
Filterless sealed optical design,both silent, efficient heat dissipation, dust-proof triple advantages
Standard with RJ45, RS232 interface, support a variety of control methods

Support 4 points, 2*2 grid pointsgeometric correction
Dual HDMI backup design, with HDMI serial connection circuit
2*360 degrees can be projected flexibly
7*24 hours uninterrupted and stable operation

Support hanging automatic flip screen
Support 26 languages
Displayable colors 1.07 billion colours
Certification:CCC,FCC,CE,ROHS



Main parameter

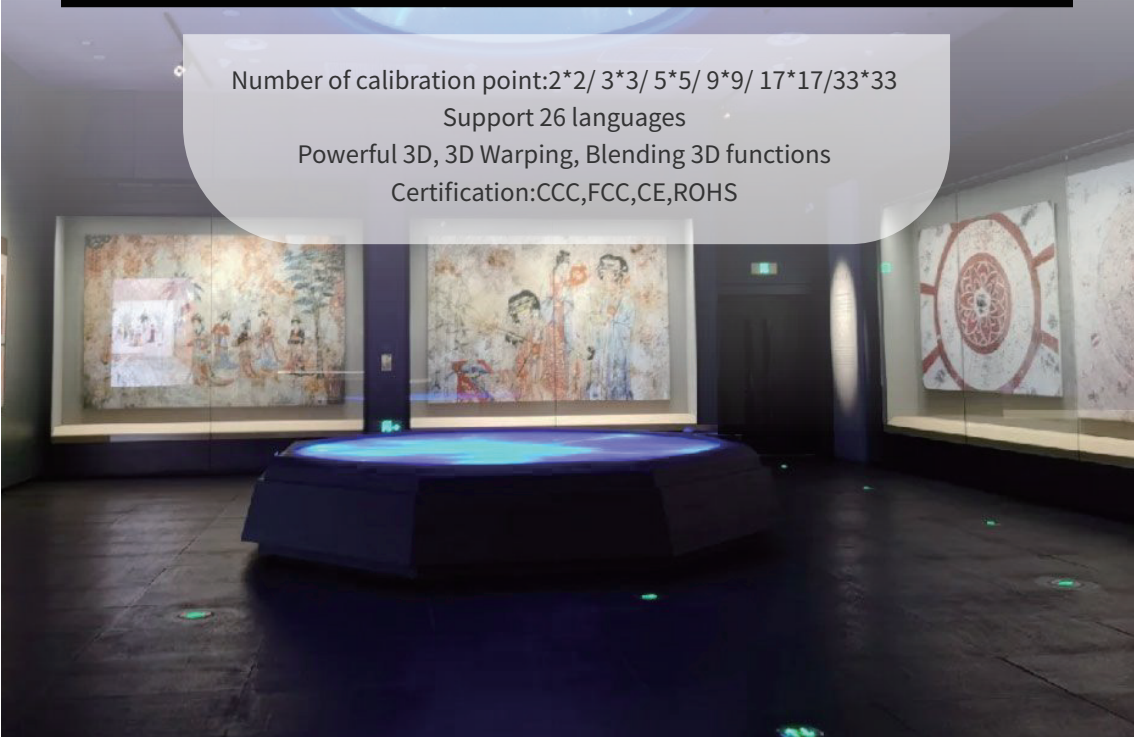
Specifications	DU7600
Display Technology	DLP
Display panel	0.67”DMD
Output brightness	7600 ANSI lumens
Throw ratio	1.22~1.53
Physical resolution	1920*1200
Contrast ratio	3000000:1
Projection size (diagonal)	30-300 inch
Lens displacement range	vertical ± 50 ° horizontal direction ± 15 °
Color uniformity	Δu’ v’ <=0.02
Image format	16:10 (adjustable)
Computer compatible format	VGA, SVGA, XGA,SXGA,WXGA,UXGA, WUXGA,4K@30Hz
Working noise	35db/29db
Laser light source	MCL laser light source
Geometric correction	2x2/3x3/5x5/9x9/17x17/33×33
Fusion range	top edge/lower edge/left edge/right edge : 0%/10% ~ 50%
Signal output input interface	Input:VGAInX1、AudioInJackX1、HDMI1.4x1,HDMI2.0x1、HDBaseTx1、3DSYNCIN*1 Output:HDMIOutX1、AudioOutJackX1,3DSYNCOUT*1 Control Interface: LAN*1,WIREDIR*1, RS-232X1,12VOUT*1,5V/1,5aUSB*1
Projection lens(throw ratio)	15 optional lenses：GM-HW030D(0.3)、GM-HW034D (0.34) GM-HW042D (0.42)、GM-HW048D (0.48)、GM-HW053B (0.53-0.65)、GM-HW055D (0.55)、GM-HW060D (0.6)、GM-HW070D (0.7)、GM-HW075D (0.75) GM-HW080D (0.8)、GM-HW075B (0.75-1.12)、GM-HW090D (0.9)、GM-HW072B (0.72-1.2)、GM-HW105B (1.05-1.7)、(1.5-3)
Rated voltage	AC 90~ 264V, 50/60 Hz
Lifetime of laser light source	20000hrs
Total power	Full mode:480W, Econ mode:320W, Standby mode:<0.5W
Dimension	480mm (W) x 376mm (D) x 139mm (H)
Product weight	12KG

DU8650
LASER PROJECTOR

DLP projection technology, 0.67” DMD
Telecentric optical architecture
uniformity（△u’ v’ ＜0.005）
Wide color gamut, Rec.709 accounted for 108%
Supports dual-signal windowing and side-by-side display

Built-in pure hardware screen division, 33x33 geometric correction edge fusion, and other powerful screen processing functions
Standard electric lens, with lens memory function, the lens can be replaced
Standard with RJ45, RS232 interface, support a variety of control methods

Number of calibration point:2*2/ 3*3/ 5*5/ 9*9/ 17*17/33*33
Support 26 languages
Powerful 3D, 3D Warping, Blending 3D functions
Certification:CCC,FCC,CE,ROHS



Main parameter

Specifications	DU8650
Display technology	DLP
Display panel	0.67”DMD
Output brightness	8650 ANSI lumens
Throw ratio	1.22~1.53
Physical resolution	1920*1200
Contrast ratio	3000000:1
Projection size (diagonal)	30-300 inch
Lens displacement range	vertical ± 50 ° horizontal direction ± 15 °
Color uniformity	Δu’ v’ <=0.02
Image format	16:10 (adjustable)
Computer compatible format	VGA, SVGA, XGA,SXGA,WXGA,UXGA, WUXGA,4K@30Hz
Working noise	35db/29db
Laser light source	MCL laser light source
Geometric correction	2x2/3x3/5x5/9x9/17x17/33×33
Fusion range	top edge/lower edge/left edge/right edge : 0%/10% ~ 50%
Signal output input interface	Input:VGAInX1、AudioInJackX1、HDMI1.4x1,HDMI2.0x1、HDBaseTx1、3DSYNCIN*1 Output:HDMIOutX1、AudioOutJackX1,3DSYNCOUT*1 Control Interface: LAN*1,WIREDIR*1, RS-232X1,12VOUT*1,5V/1,5aUSB*1
Projection lens(throw ratio)	15 optional lenses：GM-HW030D(0.3)、GM-HW034D (0.34) GM-HW042D (0.42)、GM-HW048D (0.48)、GM-HW053B (0.53-0.65)、GM-HW055D (0.55)、GM-HW060D (0.6)、GM-HW070D (0.7)、GM-HW075D (0.75) GM-HW080D (0.8)、GM-HW075B (0.75-1.12)、GM-HW090D (0.9)、GM-HW072B (0.72-1.2)、GM-HW105B (1.05-1.7)、(1.5-3)
Rated voltage	AC 90~ 264V, 50/60 Hz
Lifetime of laser light source	20000hrs
Total power	Full mode:480W, Econ mode:320W, Standby mode:<0.5W
Dimension	480mm (W) x 376mm (D) x 139mm (H)
Product weight	14KG

DN9100
LASER PROJECTOR

DLP projection technology, 0.67” DMD
Telecentric optical architecture
uniformity（△u’ v’ ＜0.005）
Wide color gamut, Rec.709 accounted for 108%
Standard with RJ45, RS232 interface, support a variety of control methods

Built-in pure hardware screen division, 33x33 geometric correction edge fusion, and other powerful screen processing functions
Standard electric lens, with lens memory function, the lens can be replaced
Supports dual-signal windowing and side-by-side display
Number of calibration point:2*2/ 3*3/ 5*5/ 9*9/ 17*17/33*33

2*360 degrees can be projected flexibly
Support 26 languages
Powerful 3D, 3D Warping, Blending 3D functions
Certification:CCC,FCC,CE,ROHS

Main parameter

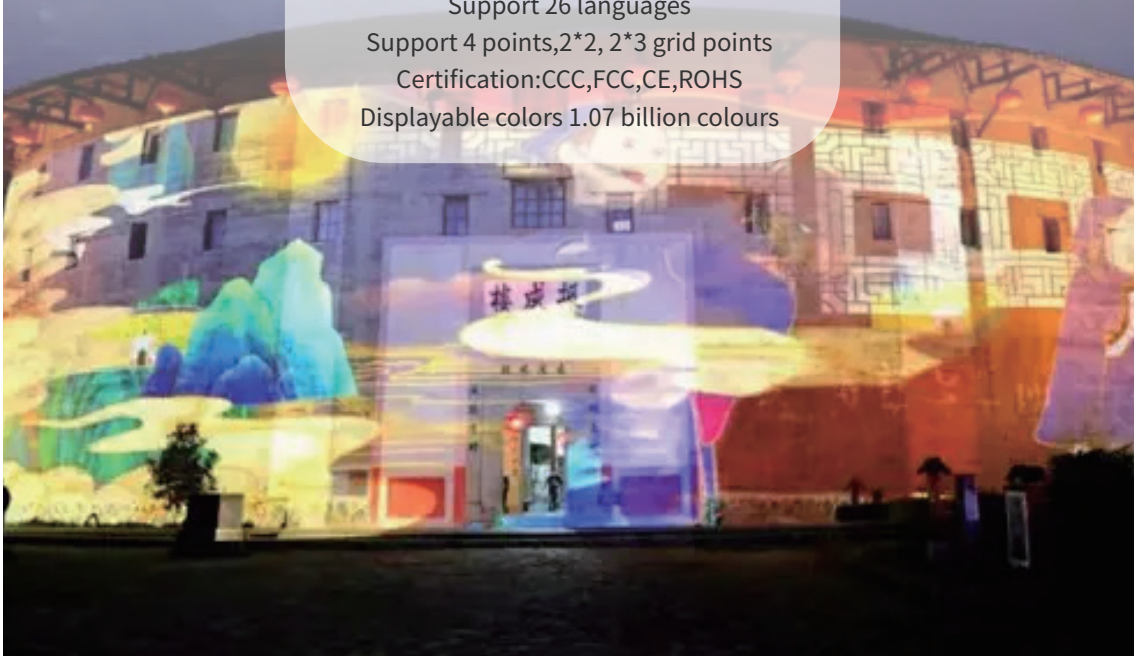
Specifications	DN9100
Display technology	DLP
Display panel	0.67”DMD
Output brightness	9100 ANSI lumens
Throw ratio	1.22~1.53
Physical resolution	1920*1200
Contrast ratio	3000000:1
Projection size (diagonal)	30-300 inch
Lens displacement range	vertical ± 50 ° horizontal direction ± 15 °
Color uniformity	Δu’ v’ <=0.02
Image format	16:10 (adjustable)
Computer compatible format	VGA, SVGA, XGA,SXGA,WXGA,UXGA, WUXGA,4K@30Hz
Working noise	35db/29db
Laser light source	MCL laser light source
Geometric correction	2x2/3x3/5x5/9x9/17x17/33×33
Fusion range	top edge/lower edge/left edge/right edge : 0%/10% ~ 50%
Signal output input interface	Input:VGAInX1、AudioInJackX1、HDMI1.4x1,HDMI2.0x1、HDBaseTx1、3DSYNCIN*1 Output:HDMIOutX1、AudioOutJackX1,3DSYNCOUT*1 Control Interface: LAN*1,WIREDIR*1, RS-232X1,12VOUT*1,5V/1,5aUSB*1
Projection lens(throw ratio)	15 optional lenses：GM-HW030D(0.3)、GM-HW034D (0.34) GM-HW042D (0.42)、GM-HW048D (0.48)、GM-HW053B (0.53-0.65)、GM-HW055D (0.55)、GM-HW060D (0.6)、GM-HW070D (0.7)、GM-HW075D (0.75) GM-HW080D (0.8)、GM-HW075B (0.75-1.12)、GM-HW090D (0.9)、GM-HW072B (0.72-1.2)、GM-HW105B (1.05-1.7)、(1.5-3)
Rated voltage	AC 90~ 264V, 50/60 Hz
Lifetime of laser light source	20000hrs
Total power	Full mode:480W, Econ mode:320W, Standby mode:<0.5W
Dimension	480mm (W) x 376mm (D) x 139mm (H)
Product weight	14KG

DU10K
LASER PROJECTOR

3LCD projection technology, equipped with 3*0.76 inch liquid crystal chip
Telecentric optical architecture
Filterless sealed optical design,both silent, efficient heat dissipation, dust-proof triple advantages
Dual HDMI backup design, with HDMI serial connection circuit.

Standard with RJ45, RS232 interface, support a variety of control methods
Support 26 languages
2*360 degrees can be projected flexibly
7*24 hours uninterrupted and stable operation
Support hanging automatic flip screen

Support 26 languages
Support 4 points,2*2, 2*3 grid points
Certification:CCC,FCC,CE,ROHS
Displayable colors 1.07 billion colours



Main parameter

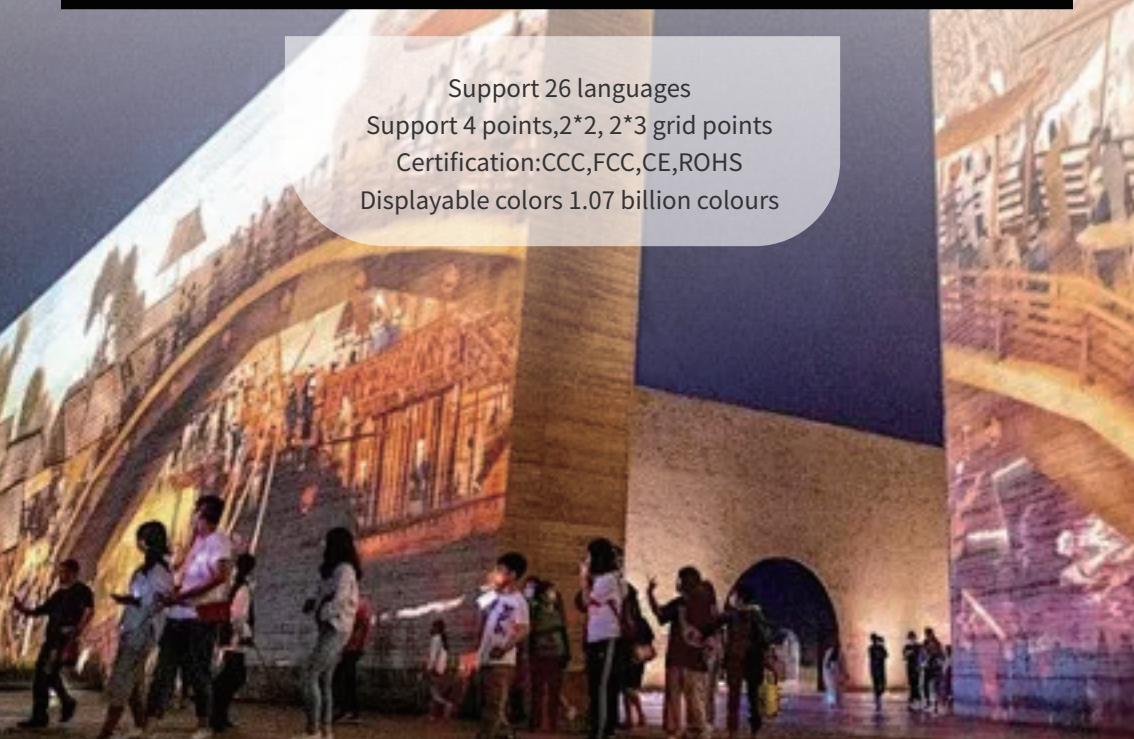
Specifications	DU10K
Display technology	3LCD (Liquid Crystal Display)
Display panel	3 x 0.76"
Output brightness	10000 ANSI lumens
Displayable colors	1.07 billion colours
Physical resolution	1920*1200
Contrast ratio	5000000:1
Projection size (diagonal)	50-500 inch
Image format	16:10 (adjustable)
Projection mode	support 2x360°
Lens displacement range	vertical ± 30 ° horizontal direction ± 15 °
Computer compatible format	VGA, SVGA, XGA, SXGA,WXGA,UXGA, WUXGA,4K@30Hz
Working noise	35dB (normal mode)
Scanning frequency	H: 15~ 100KHz, V: 24~85Hz
Geometric correction	2x3 geometric correction, folding angle correction
Signal output input interface	Input:1*VGA, 2*HDMI1.4, 1*USB-A, 1*USB-B, 1*RJ45, 1*DVI-D, 1*HDBaseT, 1*Audio; 3G-SDI* 1(optional) Output:1 * VGA, 1 * Audio, 1 * HDMI1.4 Control Interface: 1 * RJ45 (support projector control), 1 * RS232, 1 *USB-B (upgrade), 1 *Wired Remote (IN + OUT)
Laser light source	MCL laser light source
Projection lens(throw ratio)	17 optional lenses：GM-TL025D (0.25), GM-TL042D (0.42), GM-TL052D (0.52) , GM-TL060D (0.6), GM-TL065D (0.65), GM-TL070D (0.7) , YZ-TL079B (0.79-1.11) , GM-TL080D (0.8),GM-TL070B (0.7-1.35) , GM-TL100B (1.0-1.7), YZ-TL130B (1.3-3.02), YM-TL146B (1.46-2.95),GM-TL310B (3.1-4.2), GM-TL270B(2.7-4.8), YZ-TL299B (2.99-5.93) YM-TL459B (4.59-7.02),GM-TL470B (4.7-8.0)
Rated voltage	AC 100 ~ 240V, 50/60Hz
Lifetime of laser light source	20000 hours
Overall power consumption	850w (booster), 750w (normal), 650w (ECO1), 450w (ECO2), <0.5W (ECO standby)
Dimension	600*503*218 mm (with footrest)
Product weight	24KG

DU12K
LASER PROJECTOR

3LCD projection technology, equipped with 3*0.76 inch liquid crystal chip
Telecentric optical architecture
Filterless sealed optical design,both silent, efficient heat dissipation, dust-proof triple advantages
Dual HDMI backup design, with HDMI serial connection circuit.

Standard with RJ45, RS232 interface, support a variety of control methods
Support 26 languages
2*360 degrees can be projected flexibly
7*24 hours uninterrupted and stable operation
Support hanging automatic flip screen

Support 26 languages
Support 4 points,2*2, 2*3 grid points
Certification:CCC,FCC,CE,ROHS
Displayable colors 1.07 billion colours



Main parameter

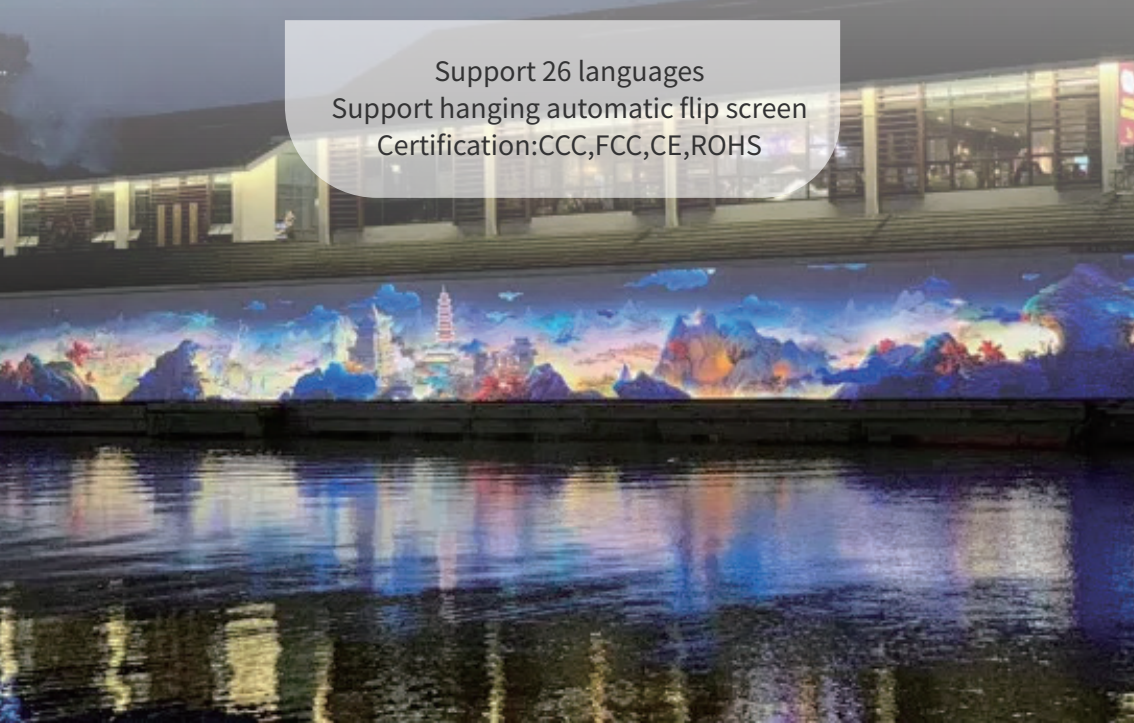
Specifications	DU12K
Display technology	3LCD (Liquid Crystal Display)
Display panel	3 x 0.76"
Output brightness	12000 ANSI lumens
Displayable colors	1.07 billion colours
Physical resolution	1920*1200
Contrast ratio	5000000:1
Projection size (diagonal)	50-500 inch
Image format	16:10 (adjustable)
Projection mode	support 2x360°
Lens displacement range	vertical ± 30 ° horizontal direction ± 15 °
Computer compatible format	VGA, SVGA, XGA, SXGA,WXGA,UXGA, WUXGA,4K@30Hz
Working noise	35dB (normal mode)
Scanning frequency	H: 15~ 100KHz, V: 24~85Hz
Geometric correction	2x3 geometric correction, folding angle correction
Signal output input interface	Input:1*VGA, 2*HDMI1.4, 1*USB-A, 1*USB-B, 1*RJ45, 1*DVI-D, 1*HDBaseT, 1*Audio; 3G-SDI* 1(optional) Output:1 * VGA, 1 * Audio, 1 * HDMI1.4 Control Interface: 1 * RJ45 (support projector control), 1 * RS232, 1 *USB-B (upgrade), 1 *Wired Remote (IN + OUT)
Laser light source	MCL laser light source
Projection lens(throw ratio)	17 optional lenses：GM-TL025D (0.25), GM-TL042D (0.42), GM-TL052D (0.52) , GM-TL060D (0.6), GM-TL065D (0.65), GM-TL070D (0.7) , YZ-TL079B (0.79-1.11) , GM-TL080D (0.8),GM-TL070B (0.7-1.35) , GM-TL100B (1.0-1.7), YZ-TL130B (1.3-3.02), YM-TL146B (1.46-2.95),GM-TL310B (3.1-4.2), GM-TL270B(2.7-4.8), YZ-TL299B (2.99-5.93) YM-TL459B (4.59-7.02),GM-TL470B (4.7-8.0)
Rated voltage	AC 100 ~ 240V, 50/60Hz
Lifetime of laser light source	20000 hours
Overall power consumption	850w (booster), 750w (normal), 650w (ECO1), 450w (ECO2), <0.5W (ECO standby)
Dimension	600*503*218 mm (with footrest)
Product weight	24KG

DU21K
LASER PROJECTOR

DLP projection technology, equipped with 0.96”DMD chip
Telecentric optical architecture
Filterless sealed optical design,both silent, efficient heat dissipation, dust-proof triple advantages
Dual HDMI backup design, with HDMI serial connection circuit.

Support keystone correction: (vertical direction)±30°
(horizontal direction)±15 geometric correction.
Standard with RJ45、RS232 interfaces, support multiple control methods
7*24 hours uninterrupted and stable operation
2*360 degrees can be projected flexibly

Support 26 languages
Support hanging automatic flip screen
Certification:CCC,FCC,CE,ROHS



Main parameter

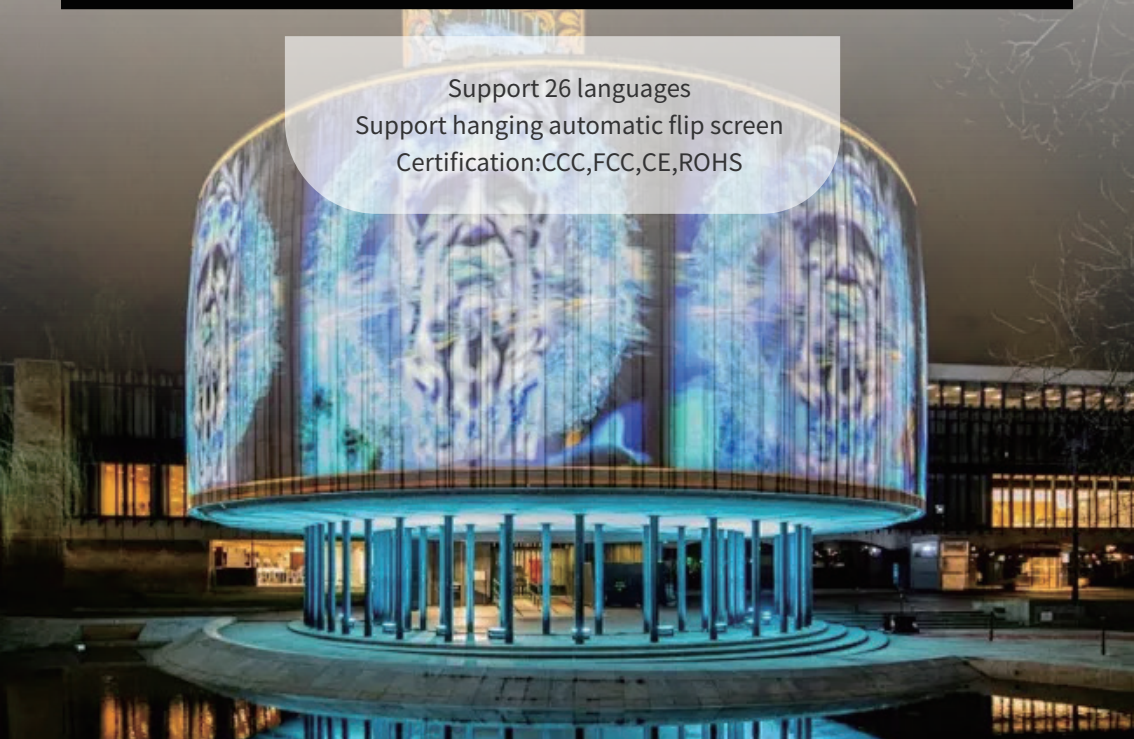
Specifications	DU21K
Projection technology	DLP*1,DLP projection technology
Chip size: 0.96’ Type A DMD	Chip size: 0.96’ Type A DMD
Resolution	WUXGA (1920*1200)
Uniformity: 90%	Uniformity: 90%
Colour gamut: 112% Rec.709	Colour gamut: 112% Rec.709
Centre Brightness: 21000 ANSI	Centre Brightness: 21000 ANSI
Brightness: 20500 ANSI lumens	Brightness: 20500 ANSI lumens
Contrast ratio: 5000000:1	Contrast ratio: 5000000:1
Aspect ratio	16:10 (compatible with 16:9,4:3)
Laser display technology	blue laser + fluorescent technology
Lens type: motorised lens	Lens type: motorised lens
Optional lens	0.56/0.62/0.78/0.65-0.75/0.84-1.02/0.85-1.45/ 1.02-1.36/1.2-1.5/1.5-2.0/1.65-2.46/2.0-4.0/ 2.1-3.7/3.6-6.3/4.0-7.2/7.2-10.8
Geometric correction grid point	2*2~17*17 grid points
Edge Fusion: Support	Edge Fusion: Support
Black Level Compensation: Support	Black Level Compensation: Support
Brightness Adjustment	Support 0-100 adjustable
Dynamic Black: Support	Dynamic Black: Support
Extreme Black: Support	Extreme Black: Support
AV Mute Timer: Support	AV Mute Timer: Support
HSG Adjustment: Support	HSG Adjustment: Support
HDR: Support	HDR: Support
Power Specifications	110V-240V,50/60Hz
Lifetime of laser light source	20000 hours
Overall power	Overall power: 1000W (typical), 1210 (max); standby power consumption <0.5W
Machine size	650(W)*710(D)*244(H)mm
Product weight	51kg bare (without lens)

DU26K
LASER PROJECTOR

DLP projection technology, equipped with 0.96”DMD chip
Telecentric optical architecture
Filterless sealed optical design,both silent, efficient heat dissipation, dust-proof triple advantages
Dual HDMI backup design, with HDMI serial connection circuit.

Support keystone correction: (vertical direction)±30°
(horizontal direction)±15 geometric correction.
Standard with RJ45、RS232 interfaces, support multiple control methods
7*24 hours uninterrupted and stable operation
2*360 degrees can be projected flexibly

Support 26 languages
Support hanging automatic flip screen
Certification:CCC,FCC,CE,ROHS



Main parameter

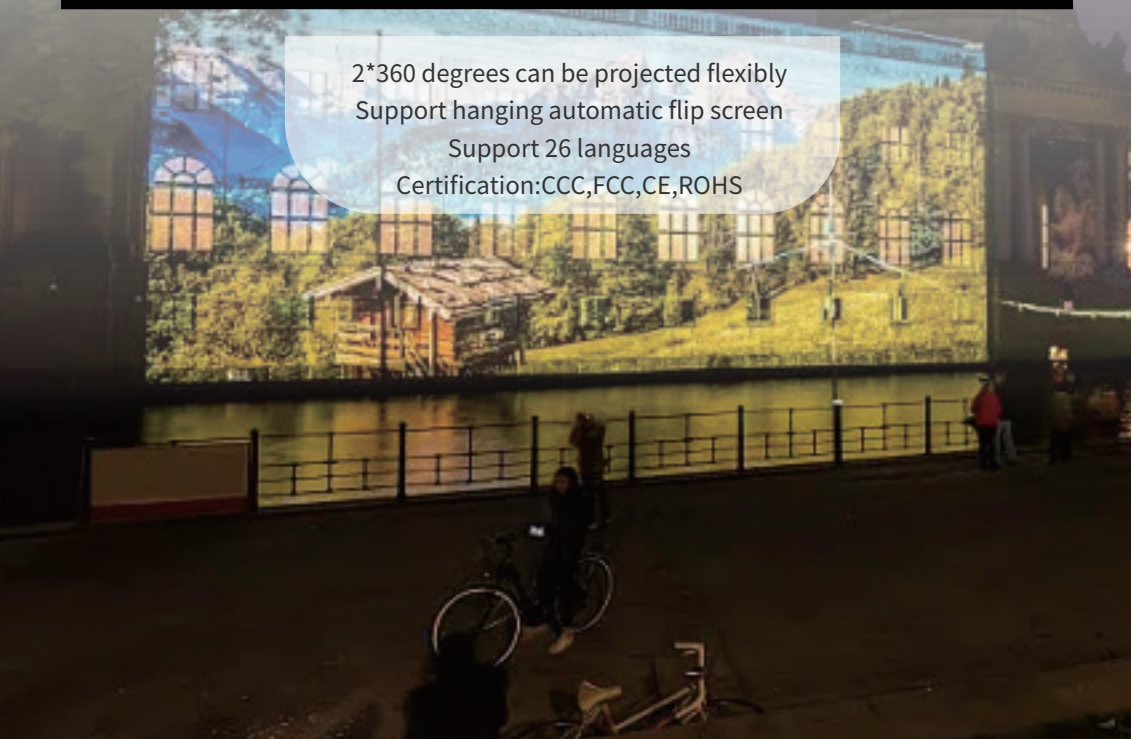
Specifications	DU26K
Display technology	DLP
Display panel	0.96"DMD
Output brightness	26000 ANSI lumens
Geometric correction	Keystone correction: (vertical direction) ±30° (horizontal direction)±15°
Physical resolution	1920*1200
contrast ratio	5000000:1
Projection size (diagonal)	50-500 inch
Image format	16:10 (adjustable)
Projection mode	support 2x360°
Lens displacement range	vertical ± 60 ° horizontal direction ± 25 °
Computer compatible format	VGA, SVGA, XGA, SXGA,WXGA,UXGA, WUXGA,4K@30Hz
Working noise	35dB (normal mode)
Laser light source	Blue laser+fluorescent powder technology
Signal output input interface	Input:Displayx1,HDMI 2.0 x2, DVI-D x1, VGA xl,HDBaseT xl, 3D sync in xl, 3G-SDl in x1 Output:HDMl out xl, 3D sync out xl,12V x1, 3G-SDl out x1
Projection lens(throw ratio)	14 optional lenses：GM-TO056D (0.56) , GM-TQ062D (0.62) GM-TO080D (0.8) , GM-TO085B (0.85-1.45) , GM-TO210B (2.1-3.7) , GM-TO350B (3.5-6.3) , YZ-TO065B (0.65-0.75) , YZ-TO084B (0.84-1.02) , YZ-TQ102B (1.02-1.36) , YZ-TQ120B (1.2-1.5) , YZ-TO150B (1.5-2.0) , YZ-TQ200B (2.0-4.0) , YZ-TQ400B (4.0-7.0) , YZ-TO720B (7.2-10.8)
Rated voltage	110-240V(±10%)
Lifetime of laser light source	20000 hours
Overall power consumption	1350W@220VAC (normal), <0.5W (ECO standby)
Dimension	682*650*301 mm (with footrest), 682*650*251mm (without footrest)
Product weight	50kg bare (without lens)

DU32K
LASER PROJECTOR

3DLP projection technology, equipped with 3*0.69 inch DMD chip
Telecentric optical architecture
Filterless sealed optical design,both silent, efficient heat dissipation, dust-proof triple advantages
Dual HDMI backup design, with HDMI serial connection circuit.

Equipped with 20x20 geometric correction function, all center points can be adjusted, movement stepsize, grid color and background can be adjusted, and supports four adjustment modes: point, row,column, and surface.
Standard with RJ45, support network protocol control mode
7*24 hours uninterrupted and stable operation

2*360 degrees can be projected flexibly
Support hanging automatic flip screen
Support 26 languages
Certification:CCC,FCC,CE,ROHS



Main parameter

Specifications	DU32K
Display technology	3DLP
Display panel	3 x 0.69"
Output brightness	32000 ANSI lumens
Colors	rec2020⩾97%
Physical resolution	2K (2048*1080)
Contrast ratio	5000000:1
Projection ratio	2.09-3.9, 1.2-1.72, 1.33-2.1, 1.62-2.7
Support	720-degree flexible projection
Projection mode	support 2x360°
Support	Low attenuation constant brightness mode
Geometric correction	20x20 geometric correction
Support	Touch screen control debugging
Support	Picture clipping function
Signal output input interface	HDMI IN*2、LAN*1
Rated voltage	AC220V, 50/60HZ
Projection lens(throw ratio)	YZ-TN120B (1.2-1.72) , YZ-TN133B (1.33-2.1) , YZ-TN162B (1.62-2.7) , YZ-TN209B (2.09-3.9)
Laser light source	MCL laser light source
Lifetime of laser light source	30000 hours
Overall power consumption	2180w
Dimension	880*700*400 mm (with footrest)
Product weight	100kg bare (without lens)

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DIHENG Technology Co., Ltd.