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Nazwa **Skaler Optoma HQView320**

Cena **12 000,00 zł**

Producent **Optoma**

OPIS PRODUKTU

HQView320

Skaler HQView320 HQV™ z funkcją geometrii obrazu i kalibracji jasności i koloru na krawędziach przylegających obrazów (Edge blending) - kompaktowy aparat, najlepszy w swojej klasie w przetwarzaniu grafiki i wideo.

Oba algorytmy (Edge blending and warping), zaproponowane przez Calibre, zostały zoptymalizowane do użytku z projektorami Optoma ProScene. Ulepszony proces konfiguracji i krótszy czas spędzony nad instalacją

Technologia dopasowanie poziomu jasności i koloru w zakresie sieciowania pozwala uzyskać jednolity, jasny obraz o wysokiej rozdzielczości na całej powierzchni ekranu projekcyjnego.

Dzięki HQView320 /HQView520 proces łączenia wielu obrazów rozwija się szybko i, co najważniejsze, prosto.

Procesory HQView320 / 520 są zaprojektowane tak, aby spełnić życzenia najbardziej wymagających użytkowników. Wysokiej jakości algorytmy kalibracji obrazu i korekcji geometrii na czterech rogach zapewnia doskonałą pracę z nieograniczoną liczbą projektorów w tym samym czasie, na dowolnej powierzchni projekcyjnej - płaskiej lub zakrzywionej.

Prezentowane na rynku urządzenia do pracy z multiframe obrazami często wymagają dużo czasu na ustawienie i projektora i procesora. Rozwiązanie oferowane przez Optoma, wyróżnia się wśród konkurentów, gdyż czas potrzebny do konfiguracji systemu jest znacznie zmniejszony poprzez

optymalizację zestawu ustawień fabrycznych.

Jeśli potrzebujesz pomocy w konfiguracji, wysoko wykwalifikowany zespół specjalistów Optoma ProAV oferuje unikalne rozwiązanie: kompleksową obsługę całego systemu składającego się z projektora i procesora sygnałowego. To znacznie upraszcza proces konfiguracji i przyspiesza tempo pracy.

W ciągu dziesięciu lat Optoma - jest jedną z niewielu firm, które specjalizują się wyłącznie w technologii projekcji - jest światowym liderem w projektowaniu i produkcji sprzętu do projekcji.

HQView320 - kompaktowy, wysokowydajny skaler przeznaczony jest do profesjonalnych instalacji AV.

Wysoka jakość obrazu: Procesor graficzny Reon™ IDT, innowacyjne algorytmy przetwarzania obrazu HQV™ (Hollywood Quality Video), komponenty i oprogramowanie od ekspertów rynkowych - Calibre spółki. Wejścia: HDMI / DVI / Component / VGA. Wyjścia: HDMI / DVI.

HQView320 obsługuje zaawansowane funkcje transformacji geometrycznej. Intuicyjne oprogramowanie (na platformie PC), zwarty, atrakcyjny design

Single image, two blended projectors - A bright, high resolution image with no band

Single projector, single image

Single image, two projectors - image is bright but has a band because the image is not blended

Single image, two blended projectors - A bright, high resolution image with no band

Single projector, single image

Edge blending multiple projectors in an array makes it possible to create very bright, high-resolution very wide projection displays. By using the HQView320 or HQView520 you can precisely control multiple, edge-blended images seamlessly, quickly and easily.

Designed with the end-user applications in mind, the HQView320/520 let you expertly edge-blend multiple, curved images seamlessly, on all four sides, for an unlimited number of projectors. Precisely control edge-blended images and warp displays to fit almost any projection surface - flat or curved.

The Optoma Advantage

Traditionally blending solutions are time-consuming and complicated to set up with many incompatibilities between blending solutions and projectors. The Optoma blending solution removes this issue. Each Optoma ProAV projector model has been painstakingly tested with the HQView320/520 and a series of optimised presets developed that greatly reduces the complexity and time required to setup blending projects.

If you do require help with your blending project, uniquely, the industry leading Optoma ProAV support team is on hand to support your complete blending project - the blending boxes and the projectors as a single system. This greatly simplifies the support process for you and enables us to assist you get your blending projects back on track quickly and efficiently.

For more than ten years Optoma has been one of the world's foremost projector designers and manufacturers - amongst the very few companies that focus exclusively on projectors.

Today the Optoma range represents the evolution of projection expertise, honed and refined by manufacturing and supporting millions of projectors the world over. This knowledge and skill has been distilled into our products and support services which are designed specifically for demanding professional applications.

Higher education

Lecture theatres

Houses of worship

Museums

Conference rooms

Digital signage

Stage shows

Live events

Projection mapping

Auditoriums

Boardrooms

Broadcast studios

Large classrooms

Exhibitions

Meeting rooms

Post production

Theatre

Trade shows

Harnessing the power of the Reon™ video processor from IDT, running state of the art HQV algorithms with expertly designed hardware and firmware from Calibre, HQView320 is a compact yet high performance image scaler with HDMI/DVI/Component/VGA input capability and HDMI/DVI output which provides stunning image quality for professional, broadcast and corporate AV users.

HQView320 includes 4-sided soft edge blend for seamless blending of multiple projectors and flexible geometry correction functions able to correct image shape and projector misalignment by dragging and dropping each image corner, or by pin, barrel, rotation, or by keystone and rotation.

Full warp mapping is also supported by HQView320. A flexible and intuitive PC application is included for easy warp map creation, or third-party generated warp maps can also be processed from automatic image alignment systems making HQView320 ideal for dual overlaid projector alignment in 3D projection systems.

Best in class professional image processing • in a compact affordable module

Superior de-interlacing reduces image flicker and artefacts

Remove picture noise from poor quality video sources, improve image detail

Powerful geometry correction for off-axis projection, pin/ barrel and image rotation

4-Sided soft edge blend for tiling multiple projectors to produce large images

Flexible warp mapping for curved screen projection, simulation and 3D alignment

HDMI, DVI, VGA Analog, Component inputs for signals up to 1080p & WUXGA

HDMI/DVI output up to 1080p/WUXGA

Flexible color calibration controls

Gamma controls

10-bit signal inputs, 12-bit internal processing

Selectable processing versus latency: best picture and low latency modes

Latency as low as 0.25-frame progressive inputs, 1.25-frames interlaced inputs

USB port for in-field firmware updates

Programmable customer logo on menu

TCP/IP remote control and Web Server

Easy to navigate self-explanatory OSD menus

Motion adaptive per pixel video de-interlacing, HD & SD

Multi-directional diagonal de-interlace filter

Automatic 3:2 & 2:2 pull-down detection with automatic film/video/video over film detection

Chroma and Luma transient improvement

Edge anti-aliasing

4-field full resolution SD & HD processing

4D Motion, Noise Adaptive HQV noise reduction for spatial and temporal noise

Codec noise reduction for mosquito and block compression noise

Powerful geometry correction capabilities

Image rotation, pin/barrel correction

4-Sided soft edge blend

Flexible warp mapping

Inputs

1x Component analog video YPbPr(S) or RGBS/RGB via 3 or 4 x BNC jack

1x DVI/HDMI with HDCP via DVI-I connector, supports HDMI with HDCP, 8/10/12 bit video compatible

1x VGA analog via DVI-I connector (common with DVI/HDMI input)

Supported video formats:

HD 720p, 1080i, 1080psf (psf digital only), 1080p23.97/24/25/30, 1080p30, 1080p59.94, 1080p60

ED 480p, 576p

SD 625i (576i), 525i (480i)

Common Vesa graphics formats from 640x480 to 1920x1200 (with reduced blanking for 1920x1200 and 1600x1200 modes)

Outputs

1x DVI/HDMI with HDCP

(HDMI with deep color 8/10/12 bit support, via DVI connector.)

1x DVI/HDMI with HDCP via DVI-I connector, supports HDMI with HDCP, 8/10/12 bit video compatible

1x VGA analog via DVI-I connector (common with DVI/HDMI input)

Supported Output formats:

Common VESA formats from 640x480 to 1920x1200, 720p, 1080p

Selectable I/O lock mode, or frame rate conversion mode

Selectable aspect ratio conversion, or incoming aspect ratio preserve mode

User Controls

Remote control via RS232, TCP/IP API and Web Server.

PC-based Warp Map Generator tool.

Keypad for OSD menu access

USB port for uploading software updates and new features.

Power Requirements

12VDC@approx 1.5A, external 100-265VAC PSU included.

Warranty

3-years return to base warranty covers parts and labour, shipping excluded.

HQView model >

320

325

520

530

Front LCD menu or OSD control

OSD

OSD

OSD

LCD

DVI/HDMI Inputs

x

x

x

x

Component Input

x

x

x

x

Composite/S-Video Inputs

-

-

x

x

VGA Analog Input

x

x

x

x

HD-SDI Input

-

-

-

-

3G-SDI Input

-

-

x

x

DVI/HDMI Output

X
X
X
X

VGA Analog Output

-
-
X
X

3G-SDI Output

-
-
X
X

3G-SDI Audio embed/de-embed

-
-
X
X

HQV Processing

X
X
X
X

PIP/POP/PAP

-
-
X
X

TCP/IP Control

X
X
X
X

Low Latency Mode

X
X
X
X

Flicker Filter for Interlaced Output Modes

-
-
X
X

Geometry Correction, 4-Corner, Rotate

X
X
X
X

Genlock (V-Lock)

-
-
X
X

Pan, Zoom, Tilt

- X
- X
- X
- X

Edge Blending

- X
- X
- X
- X

Edge Blend Black Level Correction

-
- X
- X
- X

Auto pan/zoom/tilt of content for blending

- X
- X
- X
- X

Projection Mapping/Warp

- X
- X
- X
- X

Only the HQView320 and 520 have Optoma optimised presets - the other models listed can be supplied by Optoma but are supported by Calibre not the Optoma ProAV team

Automatic Geometric Alignment

The HQView320/520 are Scalable Ready certified meaning that they can be used with Scalable Display Technologies products for automatic geometric alignment of displays. This software-driven, camera-based system automatically aligns displays with unsurpassed accuracy and speed, further simplifying the setup of blending and warping projects.