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## Inteligentna Elektronika

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Nazwa	<b>Skaler Optoma HQView320</b>
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Cena	<b>12 000,00 zł</b>
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Producent	<b>Optoma</b>
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## OPIS PRODUKTU

### HQView320

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/RGSB 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.