

The background of the entire page is a blue-tinted photograph of a control room. In the foreground, a woman with her hair in a bun is seen from the side, looking at a computer monitor. The monitor displays some technical data. In the background, a large world map is visible on a wall, and other people are working at desks in the distance.

## Dual and quad 4K encoders and decoders.

Matrox® Maevox 6100 Series high compression, ultra-low latency video encoders and decoders are designed to capture, encode, stream, record, and decode multiple 4K/UHD and Full HD channels over IP. It also supports reliable, encrypted transmission over internet for the secure streaming of content. When paired, Maevox 6100 Series encoders and decoders can achieve exceptionally ultra-low latency at low network bitrate consumption.

System-independent standalone appliances, MaeveX 6152 encoders feature quad input capture and MaeveX 6122 encoders feature dual input capture with zero-latency pass-through for each input. MaeveX 6100 is a single-slot, quad encoder card developed for high-density encoding or for use within existing systems. The MaeveX 6152 quad decoder is a real-time H.264 video decoder capable of decoding up to four 4K live MPEG2-TS, RTSP, and SRT streams at ultra-low latency.

The complimentary MaeveX SDK enables you to build new applications or integrate the functionalities of PowerStream Plus into existing applications. MaeveX 6100 Series fits seamlessly into existing 1 GbE network infrastructures and interoperate with virtually any H.264 device, ensuring high-density content distribution and system scalability.

## MaeveX 6100 Series – Experience flexible 4K streaming & recording.

### Industry-leading technology

- Drive up-to-quad 4K/UHD and Full HD capture, encoding, streaming, and recording—simultaneously.
- Deliver best-in-breed H.264 encoding support for up to 4K/UHD with configurable multi chroma sub-sampling options for 4:4:4, 4:2:2, 4:2:0, and 4:0:0.
- Deliver content to on-premises end points, to the cloud and internet services, and also record for later editing and viewing—all simultaneously.

### Flexible communication

- Stream and record simultaneously with support for SRT, RTSP, RTP, RTMP, MPEG2-TS, and HLS streaming protocols and recording with MP4, MOV, and fMP4 file formats.
- Employ simultaneous video streaming, processing, and recording on all channels, while customizing settings independently on each channel.
- Carry out multiple encoder tasks (stream and record) in multiple settings, without compromising quality, by using a single appliance or card.
- Webcast easily and conveniently to multiple platforms—such as Facebook® Live, YouTube®, Twitch, Wowza®, Vimeo®, IBM® Video Streaming, and
- Restream—via simple and dedicated UI connectivity, and many more with custom hostname-URL support.

### Complete reach and control

- Use PowerStream Plus software to control multiple MaeveX devices (both 6100 Series and 5100 Series), to configure multi-protocol streaming, multi-bitrate streaming, multiple source capture, multiple Picture-in-Picture (PiP) and quadrant composite options, and more.
- Simplify workflow with auto discovery of any MaeveX unit on the subnet, and easy addition for units outside the subnet.
- Configure settings and parameters on each MaeveX unit from a central application accessible from multiple locations on the network.
- Monitor and manage the entire MaeveX installation of hardware, devices, and streams through the intuitive PowerStream Plus software and/or APIs.

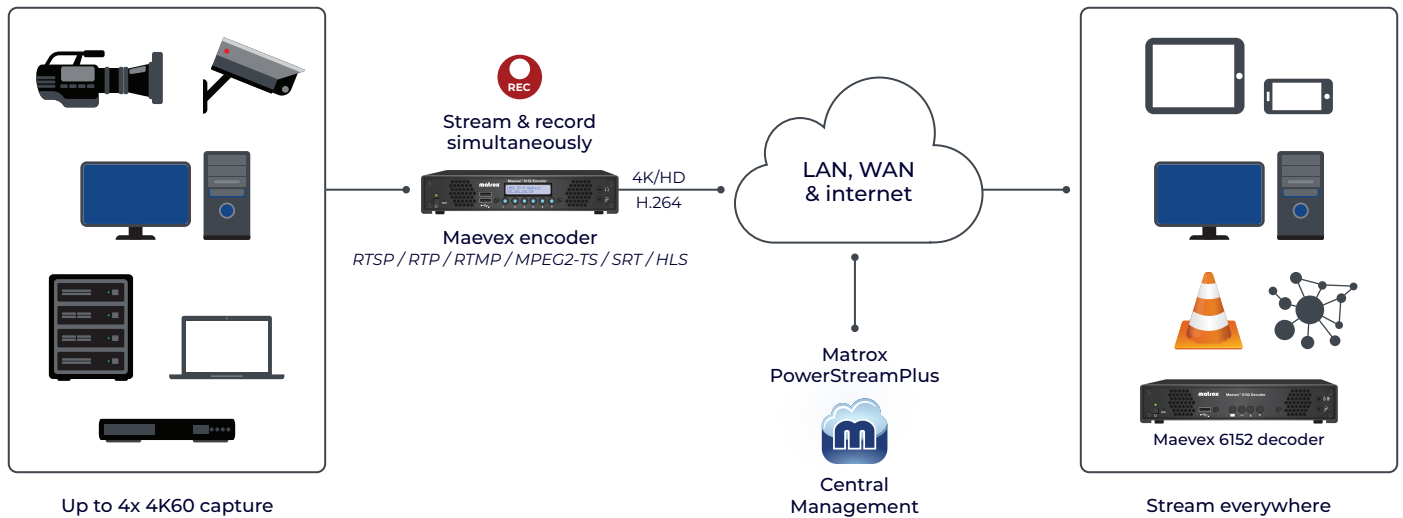




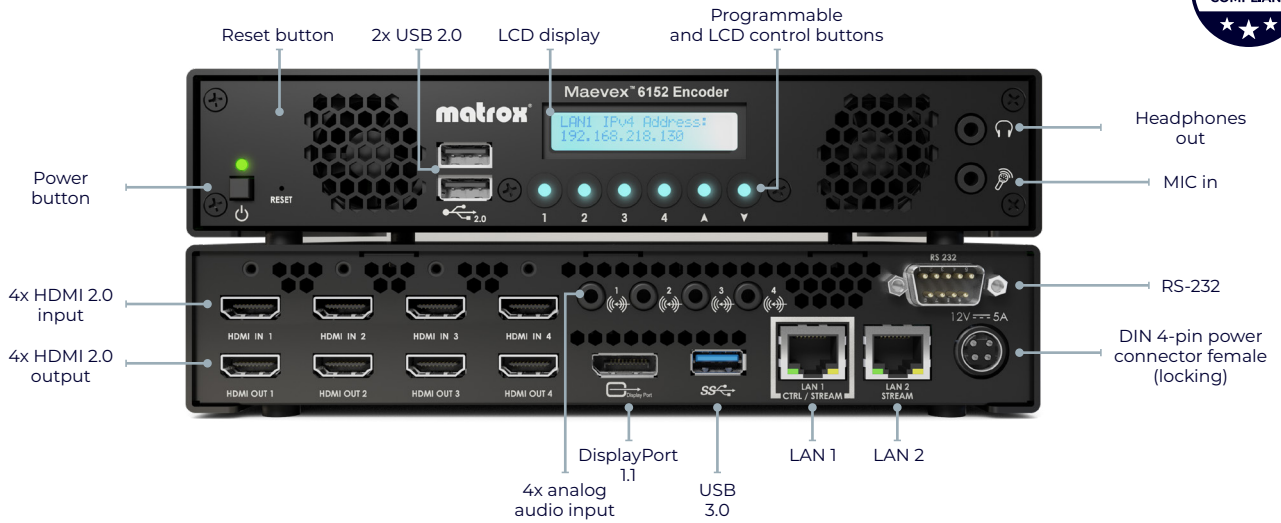
## Discover superior AV over IP.

High compression, low latency video encoders and decoders that capture, encode, stream, record, and decode multiple 4K/UHD and Full HD channels over IP.

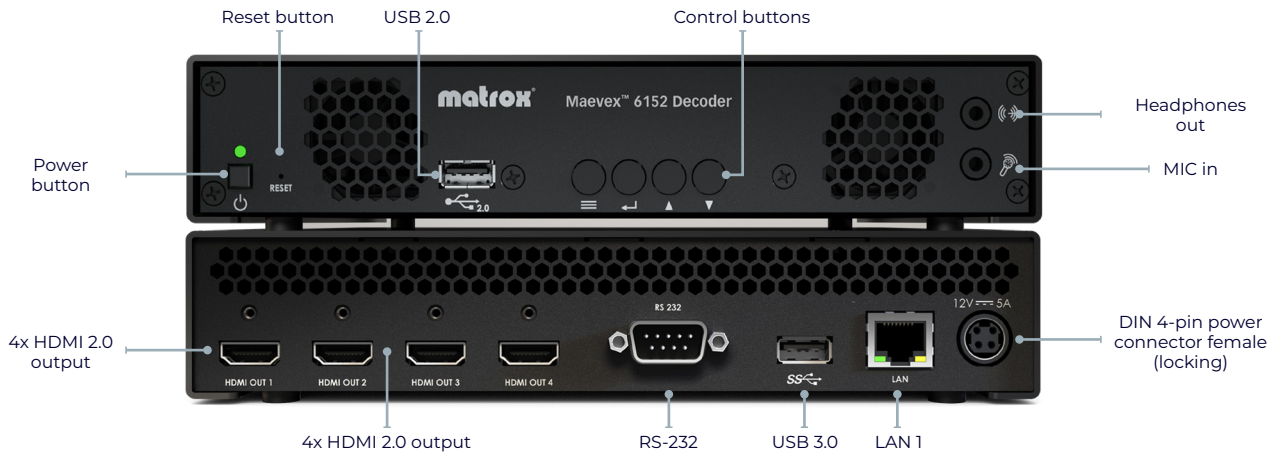
### Maevex 6100 Series delivers workflow flexibility.



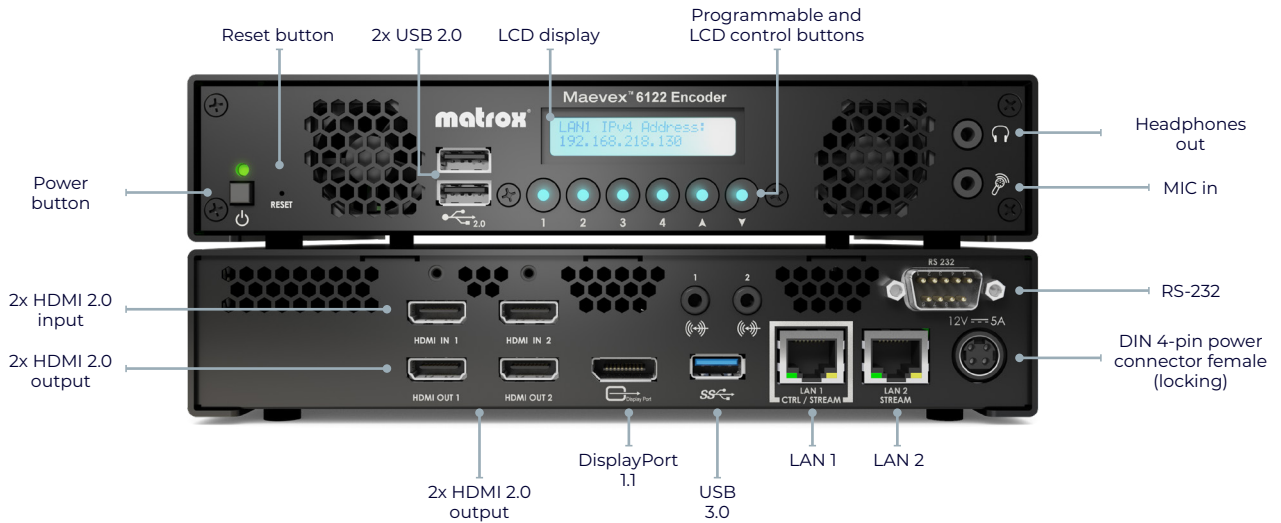
# Appliance overview



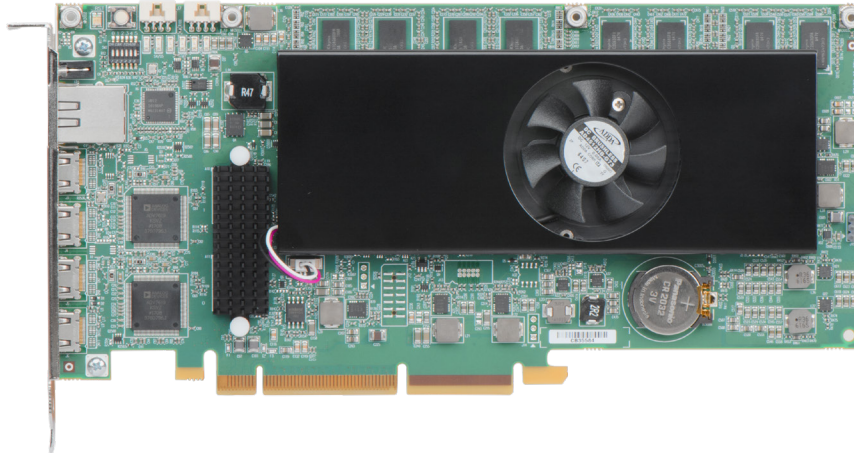
**Matrox MaeveX 6152 quad 4K encoder (front/back view)**



**Matrox MaeveX 6152 quad 4K decoder (front/back view)**



**Matrox MaeveX 6122 dual 4K encoder (front/back view)**



Matrox MaeveX 6100 quad 4K encoder (front/back view)

## Markets and applications.

MaeveX 6100 Series 4K Encoders and Decoders are a perfect fit for many applications. Have a specific idea in mind? Contact our sales team and work together to build a solution.

- Digital signage
- Education
- Industrial, automation & production
- Military
- Healthcare
- Security
- Enterprise
- Government
- Video on demand
- Science & technology
- House of worship
- OTT services



## Technical specifications – encoders

Product	Maevox 6100 quad 4K encoder	Maevox 6152 quad 4K encoder	Maevox 6122 dual 4K encoder
Part numbers	• MVX-E6100X16-4	• MVX-E6152-42	• MVX-E6122-22
Bus interface	• PCIe x16 mechanical (PCIe x8 electrical)	—	
Form factor	• Full height/single-slot card • ATX bracket	• Standalone appliance • Rack-mountable: 1U, 1/2 rack (horizontal)	
<b>Connectivity</b>			
Video input	• 4 channels • Mini HDMI (Type C)	• 4 channels • HDMI® (Type A) with audio support	• 2 channels • HDMI® (Type A) with audio support
Video output	—	• 4 channels • HDMI® (Type A) zero latency pass-through	• 2 channels • HDMI® (Type A) zero latency pass-through
Audio input	• 4x HDMI digital (Type A) LPCM two-channel stereo audio	• 4x HDMI digital LPCM two-channel stereo audio • 4x 3.5 mm analog stereo audio – 1 Vrms (0 dBV) – 14.3 kΩ (gain = 0 dB) – -60 dB to +6 dB (default is 0 dB) • 1x 3.5 mm stereo mic in – 2.5 V – 1 Vrms (0 dBV) – 15 kΩ (gain = 0 dB), 5 kΩ (gain ≥ 10 dB) – -74 dB to +41 dB (default is 0 dB)	• 2x HDMI digital LPCM two-channel stereo audio • 2x 3.5 mm analog stereo audio – 1 Vrms (0 dBV) – 14.3 kΩ (gain = 0 dB) – -60 dB to +6 dB (default is 0 dB) • 1x 3.5 mm stereo mic in – 2.5 V – 1 Vrms (0 dBV) – 15 kΩ (gain = 0 dB), 5 kΩ (gain ≥ 10 dB) – -74 dB to +41 dB (default is 0 dB)
Audio output	—	• 4x HDMI digital LPCM two-channel stereo audio • 1x 3.5 mm headphones out – 1.2 Vrms (1.6 dBV) – 32 mW into 32Ω – -74 dB to 0 dB (default is 0 dB)	• 2x HDMI digital LPCM two-channel stereo audio • 1x 3.5 mm headphones out – 1.2 Vrms (1.6 dBV) – 32 mW into 32Ω – -74 dB to 0 dB (default is 0 dB)
Network connector	• 1x RJ45 with status LED indicators	• 2x RJ45 with status LED indicators (1x control and stream/record, and 1x stream/record only)	
USB ports	—	• 2x USB 2.0 (front) • 1x USB 3.0 (back)	
RS-232	—	• 1x for IP to RS-232 control	
Confidence preview	—	• 1x DisplayPort 1.1 • Maximum resolution: 1920x1080	
Multi-unit support	• yes		
<b>Performance</b>			
Color space and chroma sub-sampling	<ul style="list-style-type: none"> <li>• RGB and YUV 8- and 10-bit support</li> <li>• Color space conversion support <ul style="list-style-type: none"> <li>– 4:0:0 (8-bit and 10-bit*)</li> <li>– 4:2:0 (8-bit and 10-bit*)</li> <li>– 4:2:2 (8-bit)</li> <li>– 4:4:4 (8-bit)</li> </ul> </li> </ul> <p>* 1080p60 max</p>		
Video input resolutions	<ul style="list-style-type: none"> <li>• 2x 3840x2160@60Hz or 2x 4096x2160@60Hz*</li> <li>• 4x 3840x2160@30Hz or 4x 4096x2160@30Hz</li> </ul> <p>* Requires specific source timings, contact Matrox for more details.</p>	<ul style="list-style-type: none"> <li>• 4x 3840x2160@60Hz or 4x 4096x2160@60Hz</li> </ul>	<ul style="list-style-type: none"> <li>• 2x 3840x2160@60Hz or 2x 4096x2160@60Hz</li> </ul>
Maximum video resolutions	• Project dependent; please contact Matrox for details.	—	
<b>Video and audio processing</b>			
Video scaling	• Yes	• Yes	
Video compositing	• Yes, fixed formats including Picture-in-Picture (PiP), Picture-by-Picture (PbP), quadrant		
HDCP support	—	• Only available between Maevox 61X2 encoders and Maevox 6152 decoder	
Audio encoding format	• MPEG-4 AAC-LC/HEV1/HEV2	• MPEG-4 AAC-LC/HEV1/HEV2	• MPEG-4 AAC-LC/HEV1/HEV2
Audio output format	—	—	• AAC, PCM, Stereo, and Mono
Audio sampling frequency	<ul style="list-style-type: none"> <li>• 32 kHz</li> <li>• 44.1 kHz</li> <li>• 48 kHz</li> </ul>		
Audio bitrates	<ul style="list-style-type: none"> <li>• Up to 144 Kbps (AAC-HEV2)</li> <li>• Up to 288 Kbps (AAC-HEV1)</li> <li>• Up to 576 Kbps (AAC-LC)</li> </ul>		

Product	MaeveX 6100 quad 4K encoder	MaeveX 6152 quad 4K encoder	MaeveX 6122 dual 4K encoder	
<b>Codec</b>				
Video encoding formats	<ul style="list-style-type: none"> <li>• H.264/MPEG-4 Part 10 (AVC)</li> </ul>			
Encoding profiles	<ul style="list-style-type: none"> <li>• Baseline (BP)</li> <li>• Main (MP)</li> <li>• High (HiP)</li> <li>• High 10 (Hi10P)</li> <li>• High 4:2:2 (Hi422P)</li> <li>• CAVLC 4:4:4 intra (44)</li> <li>• High 4:4:4 predictive profile separate plane (Hi444PP)</li> </ul>			
Encoder bitrates range	<ul style="list-style-type: none"> <li>• 15 Mbps (default)</li> <li>• 50 Kbps to 120 Mbps (Maximum operational bitrate per stream is dependent on number of streams and features enabled.)</li> </ul>			
Encoding rate control	<ul style="list-style-type: none"> <li>• Adjustable GOP size</li> <li>• Constant bitrate (CBR)</li> <li>• Favor quality and optimize for desktop or latency</li> <li>• Variable bitrate (VBR)</li> </ul>			
Encoding level	<ul style="list-style-type: none"> <li>• Up to 5.2</li> </ul>			
<b>Encoding</b>				
Encoding capability	<ul style="list-style-type: none"> <li>• 4:2:0* <ul style="list-style-type: none"> <li>- 2x 3840x2160@60Hz</li> <li>- 1x 4096x2160@60Hz</li> <li>- 4x 3840x2160@30Hz</li> <li>- 3x 4096x2160@30Hz</li> <li>- 4x 1920x1080@60Hz</li> <li>- 8x 1920x1080@60Hz</li> <li>- 16x 1920x1080@30Hz</li> </ul> </li> <li>• 4:4:4* <ul style="list-style-type: none"> <li>- 1x 3840x2160@30Hz</li> <li>- 1x 4096x2160@30Hz</li> <li>- 2x 1920x1080@60Hz</li> <li>- 3x 1920x1080@60Hz</li> <li>- 6x 1920x1080@30Hz</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• 4:2:0* <ul style="list-style-type: none"> <li>- 4x 3840x2160@30Hz</li> <li>- 3x 4096x2160@30Hz</li> <li>- 2x 3840x2160@60Hz</li> <li>- 1x 4096x2160@60Hz</li> <li>- 4x 2560x1600@60Hz</li> <li>- 8x 1920x1080@60Hz</li> <li>- 16x 1920x1080@30Hz</li> </ul> </li> <li>• 4:4:4* <ul style="list-style-type: none"> <li>- 1x 2560x1600@60Hz</li> <li>- 1x 3840x2160@30Hz</li> <li>- 1x 4096x2160@30Hz</li> <li>- 3x 1920x1080@60Hz</li> <li>- 6x 1920x1080@30Hz</li> </ul> </li> </ul>		
	<p>*Each encoding capability is independent of the others listed, and excludes any additional processing such as compositing, scaling, etc. Content can affect results. For more details and encoding capability support, contact Matrox.</p>			
<b>Network</b>				
Network standard	<ul style="list-style-type: none"> <li>• 100/1,000 base-T ethernet</li> <li>• Auto speed</li> <li>• Half/full duplex</li> </ul>	<ul style="list-style-type: none"> <li>• 100/1,000 base-T ethernet</li> <li>• Auto speed</li> <li>• Half/full duplex</li> <li>• IGMP version 2 and 3</li> </ul>		
Routing scheme	<ul style="list-style-type: none"> <li>• Unicast</li> <li>• Multicast</li> <li>• Multi-unicast</li> </ul>			
IP addressing	<ul style="list-style-type: none"> <li>• IPv4</li> <li>• IPv6</li> <li>• DHCP (default) and static IP</li> </ul>			
Streaming protocols	<ul style="list-style-type: none"> <li>• HLS</li> <li>• MPEG2.TS over UDP</li> <li>• RTMP</li> <li>• RTP/RTCP (both required) over UDP</li> <li>• RTSP (TCP), RTCP &amp; RTP (UDP) – all required</li> <li>• RTSP over TCP (interleaved)</li> <li>• SRT</li> </ul>			
Command and control	<ul style="list-style-type: none"> <li>• HTTPS over TCP</li> <li>• UPnP (discovery)</li> </ul>			
Security	—	<ul style="list-style-type: none"> <li>• 802.1x (EAP-TLS) support</li> </ul>		
<b>Physical</b>				
Product dimensions	<ul style="list-style-type: none"> <li>• 9.02 (L) x 4.38 (H) inches</li> <li>• 22.91 (L) x 11.13 (H) cm</li> </ul>	<ul style="list-style-type: none"> <li>• 8.53 (L) x 7.52 (W) x 1.68 (H) inches</li> <li>• 21.7 (L) x 19.1 (W) x 4.3 (H) cm</li> </ul>		
Unit weight	<ul style="list-style-type: none"> <li>• 0.67 lbs/304 g</li> </ul>	<ul style="list-style-type: none"> <li>• Device only ~1.5 kg</li> <li>• With accessories and packaging ~3 kg</li> </ul>		
Noise emission	—	<ul style="list-style-type: none"> <li>• ~25 dB at full stream/record capacity</li> </ul>		

Product	Maevox 6100 quad 4K encoder	Maevox 6152 quad 4K encoder	Maevox 6122 dual 4K encoder
<b>Recording</b>			
File format	<ul style="list-style-type: none"> <li>• MP4</li> <li>• MOV</li> <li>• fMP4</li> </ul>		
Filename	• Customizable prefix (optional)		
Timestamp	• Automatic in filename		
Programmability	<ul style="list-style-type: none"> <li>• Duration</li> <li>• File frequency</li> <li>• Maximum file length</li> <li>• Start date and time</li> </ul>		
Recording location	• Shared network drive or NAS	<ul style="list-style-type: none"> <li>• Local USB ports for USB flash drive and external hard drive</li> <li>• 2x USB 2.0 (front) and 1x USB 3.0 (back)</li> <li>• Shared network drive or NAS</li> </ul>	
<b>Hardware &amp; software</b>			
Hardware included	<ul style="list-style-type: none"> <li>• Maevox 6100 quad 4K encoder card</li> </ul>	<ul style="list-style-type: none"> <li>• Maevox 6152 quad 4K encoder appliance</li> <li>• Power supply</li> <li>• 100-240 VAC in, 12 VDC out, 60W</li> <li>• DIN4 locking power connector</li> <li>• Power cords included (US, EU, UK, Aus/NZ)</li> </ul>	<ul style="list-style-type: none"> <li>• Maevox 6122 dual 4K encoder appliance</li> <li>• Power supply</li> <li>• 100-240 VAC in, 12 VDC out, 60W</li> <li>• DIN4 locking power connector</li> <li>• Power cords Included (US, EU, UK, Aus/NZ)</li> </ul>
Accessories (sold separately)	<ul style="list-style-type: none"> <li>• Secure HDMI cable solution (SK-SLNA-0F)</li> </ul>	<ul style="list-style-type: none"> <li>• Rack mount kit (part number: RMK-19TR-A) <ul style="list-style-type: none"> <li>- Rack mounting shelf (19 in/48.26 cm)</li> <li>- Pan head Phillips screws (4x 10-32 x 3/4 in)</li> <li>- Pan head Phillips screws (4x 12-24 x 3/4 in)</li> <li>- Flat head Phillips screws (6x M3 x 6 mm)</li> </ul> </li> <li>• NRG redundant power supply unit <ul style="list-style-type: none"> <li>- Rack tray with one NRG RPSU pre-installed (part number: NRG-5-1DB)</li> <li>- Rack tray with two NRG RPSU pre-installed (part number: NRG-5-2DB)</li> </ul> </li> <li>• Secure cable solution for HDMI (part number: SK-SLND-4)</li> </ul>	
Software	<ul style="list-style-type: none"> <li>• PowerStream Plus (free download)* <ul style="list-style-type: none"> <li>- Compatible with Maevox 5100 Series and Maevox 6100 Series</li> <li>- Network discovery</li> <li>- Multi-encoding and recording management</li> <li>- Multi-protocol management</li> <li>- Frame rate management</li> <li>- Resolution control</li> <li>- Administrator and user credential management</li> <li>- Scaling management</li> <li>- SNMP support</li> </ul> </li> <li>• PowerStream Plus SDK for Windows and Linux* <ul style="list-style-type: none"> <li>- PowerStream Plus SDK is available on .NET framework (4.5.1 or higher) standalone library for Windows and Mono (5.2 or higher) for Linux</li> </ul> </li> <li>• Maevox REST API* <ul style="list-style-type: none"> <li>- Code developed with the Maevox 6100 Series REST API addresses the 6100 Series encoders and decoders using HTTPS and follows the principles of Representational State Transfer (REST) using simple HTTPS payloads in JavaScript Object Notation (JSON) format</li> </ul> </li> <li>• Maevox 6100 Series Control Module for Crestron <ul style="list-style-type: none"> <li>- Creston module to expand existing controlled environments</li> </ul> </li> </ul> <p>* Contact Matrox for more details.</p>	<ul style="list-style-type: none"> <li>• PowerStream Plus (free download)* <ul style="list-style-type: none"> <li>- Compatible with Maevox 5100 Series and Maevox 6100 Series</li> <li>- Network discovery</li> <li>- Multi-encoding and recording management</li> <li>- Multi-protocol management</li> <li>- Frame rate management</li> <li>- Resolution control</li> <li>- Administrator and user credential management</li> <li>- Scaling management</li> <li>- SNMP support</li> </ul> </li> <li>• Maevox 6100 Series RS-232 API (free download)* <ul style="list-style-type: none"> <li>- Control Maevox 6100 appliances via Crestron™, Kramer™, Extron™, or other tabletop touch-screen controllers</li> <li>- Access basic commands including list, start/stop streaming and recording, and device reboot</li> </ul> </li> <li>• Maevox SDK for Windows and Linux* <ul style="list-style-type: none"> <li>- Full-access to entire feature set via SDK</li> <li>- .NET 4.5.1 or higher, standalone library and Mono 5.2 or higher for Linux</li> </ul> </li> <li>• Maevox REST API* <ul style="list-style-type: none"> <li>- Maevox 6100 Series REST API</li> <li>- Available for lower-level development</li> </ul> </li> <li>• Maevox 6100 Series Control Module for Crestron <ul style="list-style-type: none"> <li>- Creston module to expand existing controlled environments</li> </ul> </li> </ul> <p>* Contact Matrox for more details.</p>	



Product	Maevox 6100 quad 4K encoder	Maevox 6152 quad 4K encoder	Maevox 6122 dual 4K encoder
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**Environmental**

Operating conditions	<ul style="list-style-type: none"> <li>• Temperature: 0 to 45 degrees Celsius</li> <li>• Altitude: 650 hPa (3,580 m) to 1,013 hPa (0 m)</li> <li>• Humidity: 20% to 80% non-condensing</li> </ul>		
Storage conditions	<ul style="list-style-type: none"> <li>• Temperature: -40 to 70 degrees Celsius</li> <li>• Altitude: 192 hPa (12,000 m) to 1,020 hPa (-50 m)</li> <li>• Humidity: 10% to 90% non-condensing</li> </ul>		
Power consumption	• 35W	—	

**General**

Supported operating systems (software)	<ul style="list-style-type: none"> <li>• Microsoft® Windows® 10 (64-bit)</li> <li>• Windows Server® 2016</li> <li>• Windows 7 (32-bit, 64-bit)</li> <li>• Windows Server 2008 R2</li> <li>• Windows Server 2019</li> </ul>	<ul style="list-style-type: none"> <li>• Windows Server 2022</li> <li>• Windows Server 2019</li> <li>• Windows 11 and Windows 10</li> </ul>	
EMC/EMI device class	• Class B	• Class A	—
EMC/EMI compliance	<ul style="list-style-type: none"> <li>• CE (EU), FCC (US), ICES-3 (Canada), KC (Korea), RCM (Aus/NZ), VCCI (Japan)</li> </ul>	<ul style="list-style-type: none"> <li>• CE (EU), FCC (US), ICES-3 (Canada), KC (Korea), RCM (Aus/NZ)</li> </ul>	
Environmental compliance	<ul style="list-style-type: none"> <li>• China RoHS, EU RoHS, REACH, WEEE</li> </ul>		
Warranty	<ul style="list-style-type: none"> <li>• Two-year limited warranty with free online or telephone support</li> </ul>		

## Technical specifications – decoder

<b>Product</b>	<b>Maevox 6152 quad 4K decoder</b>
Part numbers	<ul style="list-style-type: none"> <li>• MVX-D6152-42</li> </ul>
Form factor	<ul style="list-style-type: none"> <li>• Standalone appliance</li> <li>• Rack-mountable: 1U, 1/2 rack (horizontal)</li> </ul>
<b>Connectivity</b>	
USB ports	<ul style="list-style-type: none"> <li>• 1x USB 2.0 (front)</li> <li>• 1x USB 3.0 (back)</li> </ul>
RS-232	<ul style="list-style-type: none"> <li>• 1x for IP to RS-232 control</li> </ul>
<b>Performance</b>	
Color space and chroma sub-sampling	<ul style="list-style-type: none"> <li>• 4:2:0 (8-bit and 10-bit)</li> <li>• YUV 4:0:0, 4:2:0, 4:2:2, or 4:4:4 to RGB 4:4:4 8-bit</li> </ul>
<b>Video and audio processing</b>	
HDCP support	<ul style="list-style-type: none"> <li>• Only available between Maevox 61X2 encoders and Maevox 6152 decoder</li> </ul>
Audio sampling frequency	<ul style="list-style-type: none"> <li>• 32 kHz</li> <li>• 44.1 kHz</li> <li>• 48 kHz</li> </ul>
Audio bitrates	<ul style="list-style-type: none"> <li>• Up to 576 Kbps (AAC-LC)</li> <li>• Up to 288 Kbps (AAC-HEV1)</li> <li>• Up to 144 Kbps (AAC-HEV2)</li> </ul>
<b>Codec</b>	
Encoder bitrates range	<ul style="list-style-type: none"> <li>• 15 Mbps (default)</li> <li>• 50 Kbps to 120 Mbps (Maximum operational bitrate per stream is dependent on number of streams and features enabled.)</li> </ul>
Encoding level	<ul style="list-style-type: none"> <li>• Up to 5.2</li> </ul>
Video decoding formats	<ul style="list-style-type: none"> <li>• H.264/MPEG-4 Part 10 (AVC)</li> </ul>
Decoding profiles	<ul style="list-style-type: none"> <li>• Baseline Profile (BP)</li> <li>• Main Profile (MP)</li> <li>• High Profile (HiP)</li> <li>• High 10 Profile (Hi10P)</li> <li>• High 4:2:2 Profile (Hi422P)</li> <li>• High 4:4:4 Predictive Profile Separate Plane (Hi444PP)</li> <li>• CAVLC 4:4:4 intra (44)</li> </ul>
Decoder bitrates range	<ul style="list-style-type: none"> <li>• 50 Kbps to 120 Mbps (per stream)</li> </ul>
<b>Decoding</b>	
Decoding capability	<ul style="list-style-type: none"> <li>• 4:2:0* <ul style="list-style-type: none"> <li>- 2x 3840x2160 @60Hz</li> <li>- 1x 4096x2160 @60Hz</li> <li>- 4x 3840x2160 @30Hz</li> <li>- 3x 4096x2160 @30Hz</li> <li>- 4x 1920x1080 @60Hz</li> <li>- 8x 1920x1080 @60Hz</li> <li>- 16x 1920x1080 @30Hz</li> </ul> </li> <li>• 4:4:4* <ul style="list-style-type: none"> <li>- 1x 3840x2160 @30Hz</li> <li>- 1x 4096x2160 @30Hz</li> <li>- 2x 1920x1080 @60Hz</li> <li>- 3x 1920x1080 @60Hz</li> <li>- 6x 1920x1080 @30Hz</li> </ul> </li> </ul> <p>* Each decoding capability is independent of the others listed, and excludes any additional processing such as compositing, scaling, etc. Content can affect results. Contact Matrox for more details and decoding capability support.</p>
<b>Network</b>	
Network standard	<ul style="list-style-type: none"> <li>• 100/1,000 base-T ethernet</li> <li>• Auto speed</li> <li>• Half/full duplex</li> </ul>
Routing scheme	<ul style="list-style-type: none"> <li>• Unicast</li> <li>• Multicast</li> </ul>
IP addressing	<ul style="list-style-type: none"> <li>• IPv4</li> <li>• DHCP (default) and static IP</li> </ul>
Streaming protocols	<ul style="list-style-type: none"> <li>• RTSP (TCP), RTCP &amp; RTP (UDP) – all required</li> <li>• RTSP over TCP (interleaved)</li> <li>• SRT over UDP</li> <li>• MPEG2.TS over UDP</li> </ul>
Command and control	<ul style="list-style-type: none"> <li>• HTTPS over TCP</li> <li>• UPnP (discovery)</li> </ul>
Security	<ul style="list-style-type: none"> <li>• 802.1x (EAP-TLS) support</li> </ul>

<b>Physical</b>	
<b>Maevox 6152 quad 4K decoder</b>	
Product dimensions	<ul style="list-style-type: none"> <li>• 8.53 (L) x 7.52 (W) x 1.68 (H) inches</li> <li>• 21.7 (L) x 19.1 (W) x 4.3 (H) cm</li> </ul>
Unit weight	<ul style="list-style-type: none"> <li>• Device only ~1.5 kg</li> <li>• With accessories and packaging ~3 kg</li> </ul>
Noise emission	<ul style="list-style-type: none"> <li>• ~25 dB at full decode capacity</li> </ul>
Additional features	<ul style="list-style-type: none"> <li>• Push-button controls: <ul style="list-style-type: none"> <li>- Menu, enter, scroll forward, scroll back</li> <li>- Choose output, content, and zoom to full screen</li> </ul> </li> </ul>

<b>Hardware &amp; software</b>	
Hardware included	<ul style="list-style-type: none"> <li>• Maevox 6152 Quad 4K decoder appliance</li> <li>• 100-240 V a.c. in, 12 V d.c. out, 60W power supply</li> <li>• Power cords (US, EU, UK, Aus/NZ)</li> <li>• DIN4 locking connector</li> </ul>
Accessories (sold separately)	<ul style="list-style-type: none"> <li>• <b>Rack mount kit (RMK-19TR-A)</b> <ul style="list-style-type: none"> <li>- Rack mounting shelf (19 in/48.26 cm)</li> <li>- Pan head Phillips screws (4x 10-32 x 3/4 in)</li> <li>- Pan head Phillips screws (4x 12-24 x 3/4 in)</li> <li>- Flat head Phillips screws (6x M3 x 6 mm)</li> </ul> </li> <li>• <b>NRG redundant power supply unit</b> <ul style="list-style-type: none"> <li>- Rack tray with one NRG RPSU pre-installed (part number: NRG-5-1DB)</li> <li>- Rack tray with two NRG RPSU pre-installed (part number: NRG-5-2DB)</li> </ul> </li> </ul>
Software	<ul style="list-style-type: none"> <li>• <b>PowerStream Plus (free download)*</b> <ul style="list-style-type: none"> <li>- Compatible with Maevox 5100 Series and Maevox 6100 Series</li> <li>- Network discovery</li> <li>- Multi-encoding and recording management</li> <li>- Multi-protocol management</li> <li>- Frame rate management</li> <li>- Resolution control</li> <li>- Administrator and user credential management</li> <li>- Scaling management</li> <li>- SNMP support</li> </ul> </li> <li>• <b>Maevox 6100 Series RS-232 API (free download)*</b> <ul style="list-style-type: none"> <li>- Control Maevox 6100 appliances via Crestron™, Kramer™, Extron™, or other tabletop touch-screen controllers.</li> <li>- Access basic commands including list, start/stop streaming and recording, and device reboot.</li> </ul> </li> <li>• <b>Maevox SDK for Windows and Linux*</b> <ul style="list-style-type: none"> <li>- Full-access to entire feature set via SDK</li> <li>- .NET 4.5.1 or higher, standalone library and Mono 5.2 or higher for Linux</li> </ul> </li> <li>• <b>Maevox REST API*</b> <ul style="list-style-type: none"> <li>- Maevox 6100 Series REST API</li> <li>- Available for lower-level development</li> </ul> </li> <li>• <b>Maevox 6100 Series Control Module for Crestron</b> <ul style="list-style-type: none"> <li>- Creston module to expand existing controlled environments</li> </ul> </li> </ul> <p>* Contact Matrox for more details.</p>

<b>Environmental</b>	
Power consumption	<ul style="list-style-type: none"> <li>• 45W</li> </ul>

<b>General</b>	
Supported operating systems (software)	<ul style="list-style-type: none"> <li>• Windows Server 2022</li> <li>• Windows Server 2019</li> <li>• Windows 11 and Windows 10</li> </ul>
EMC/EMI device class	<ul style="list-style-type: none"> <li>• Class A</li> </ul>
EMC/EMI compliance	<ul style="list-style-type: none"> <li>• CE (EU), FCC (US), ICES-3 (Canada), KC (Korea), RCM (Aus/NZ)</li> </ul>
Environmental compliance	<ul style="list-style-type: none"> <li>• China RoHS, EU RoHS, REACH, WEEE</li> </ul>
Warranty	<ul style="list-style-type: none"> <li>• Two-year limited warranty with free online or telephone support</li> </ul>



**Contact Matrox Video**

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