



Tender Text WATCHPAX 62 Series

Compact, configuration-free media server for networked and synchronized multi-display systems with up to 12 output channels. Robust aluminum housing for rack mounting with efficient active cooling. The device is optimized by the manufacturer for WATCHOUT 6 and 7 and offers four DisplayPort 1.4 outputs and, depending on the model, eight bidirectional 3G-SDI connections. Enterprise-level PCIe NVMe SSD drives are used as data carriers. Playback of common image and video codecs, including uncompressed image sequences. Depending on the model, integration of live signals via two 4K HDMI inputs, eight bidirectional 3G-SDI connections, or NDI. Depending on the model, internal synchronization card for genlock and cross-server synchronization. In addition to predefined program sequences, the program can also be interactively controlled via MIDI, DMX (via Artnet), or TCP/IP. External devices can be controlled via DMX (via Artnet) or network. For a detailed overview of WATCHOUT's functions, please refer to the WATCHOUT description.

Key Features:

- Workstation graphics card supports 4x 4K output (framelocked)
- Configuration-free plug-and-play system
- Manufacturer-optimized for WATCHOUT 6 and 7, including built-in license
- Interactive control via MIDI (via USB), DMX (via Artnet), OSC** and TCP/IP or UDP
- Support for live tracking systems such as BlackTrax* or PSN**
- Support for camera-based geometry measurement (MPCDI) (soft-edge projection, 360° projections, projections onto spherical surfaces and domes)
- Support for NDI video streams (inputs, outputs also supported in WATCHOUT 7)
- Control of external hardware via DMX (via Artnet) and TCP/IP or UDP
- External operation of the multi-display system via IP-enabled control systems



Fig.: WATCHPAX 60C

Model S:

- 1.9 TB high-performance SSD
- No signal inputs or audio outputs

Model A:

- 3.8 TB high-performance SSD (read rate approx. 6 GB/sec) (optionally also 7.6 or 15.3 TB)
- No signal inputs or audio outputs
- 2x HDMI 4K (2.0) inputs (capture up to 4K)
- Audio: 2 channels OUT, analog or digital. Dante enabled**
- XLR SMPTE timecode input

Model B:

as model A. Additionally:

- Synchronization card for genlock/cross-server synchronization

Model C:

As model B. Additionally:

- 8x bidirectional 3G-SDI connections (freely configurable as input or output, linkable for 12G)



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Technical Data:

- Dimensions: 446 x 336 x 88 mm (WxDxH), without the optional 19" 'ears' and rack rails (19"/2U)
- Robust aluminum housing with efficient low-noise cooling system, weight approx. 10 kg
- 64 GB RAM
- 1x M.2 SSD for OS; additional recovery drive
- Operating system write-protected. The servers are only suitable for use with WATCHOUT!
- Professional graphics card, 4x DisplayPort 1.4 outputs (resolution up to 4K@60Hz)
- 2x HDMI 4K (2.0) inputs (models A, B, and C only)
- 8x bidirectional 3G-SDI connections (freely configurable as input or output, linkable for 12G) (model C only)
- Two audio outputs, balanced XLR jacks via breakout cable (models A, B, and C only)
- Integrated Dante® support**
- LTC timecode input, balanced XLR female connector via breakout cable (models A, B, and C only)
- 2x USB 2.0 and 2x USB 3.2 ports for connecting optional accessories (capture cards, audio interfaces, etc.)
- 2x 10 Gigabit Ethernet connection (RJ45)
- 2-year warranty, optionally extendable to 5 years
- Optional: Telescopic rails for 19" rack mounting

* Currently only for WATCHOUT 6; ** only for WATCHOUT 7

All information and technical data are provisional and subject to change at any time!

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