

# AixSolve Aris H264 HD Encoder

The AixSolve Aris-Series is designed for live streaming backends at the edge of consumer, hotel, corporate or signage networks. Beside the configuration via Web, Telnet and SNMP all products have a keypad and a display for monitoring, direct control and management.

The AixSolve Aris *H264 HD Encoder* comes with HD-SDI-IN, ASI-OUT and LAN Interfaces. It is able to encode video signals up to 1080p60 into H264. Audio encoding is supported as 2-channel AAC. All versions are optional available with AES encryption.



The content of this datasheet is furnished for informational use only, is subject to change without notice, and should not be construed as a commitment.

Codec - Video	<ul style="list-style-type: none"> <li>• Conforms to ISO/IEC4496-10 (H.264/AVC) High Profile Level 4.0</li> <li>• 1920 × 1080 × 60p/59.94p/50p</li> <li>• 1920 × 1080 × 60i/59.94i/50i/24p/23.98p</li> <li>• 1280 × 720 × 60i/59.94i/50i/24p/23.98p</li> <li>• 720 × 480 × 60i/59.94i</li> <li>• 720 × 576 × 50i</li> <li>• Pixel format: 4:2:0</li> <li>• Encoding rate: 2 to 30 Mbps</li> <li>• CBR/VBR support</li> <li>• Closed GOP available</li> </ul>
CODEC - Audio	<ul style="list-style-type: none"> <li>• MPEG-2 AAC (LC profile) 2-channel encoding</li> </ul>
Codec – System	<ul style="list-style-type: none"> <li>• MPEG2-TS encoding processing conforming to ISO/IEC13818-1 and Amd3</li> <li>• Multiplexing of Video1 stream + Audio1 stream</li> <li>• Support of partial TSs (PAT/PMT/SIT/PCR) (EN 300 468)</li> <li>• Input and output of the ES user area (data length of up to 256 bytes/field)</li> </ul>
Interfaces	<ul style="list-style-type: none"> <li>• 1 * ASI OUT @ BNC 75 Ohm</li> <li>• Optional: 1 * SD-SDI/HD-SDI/3GSDI OUT @ BNC 75 Ohm</li> <li>• 1 * SD-SDI/HD-SDI/3GSDI IN @ BNC 75 Ohm</li> <li>• Ethernet (802.3) 1000/100/10 MBit/s</li> </ul>
Control	<ul style="list-style-type: none"> <li>• WEB interface</li> <li>• SNMPv1</li> <li>• Telnet</li> <li>• PreViewPic</li> <li>• Display &amp; Keypad</li> </ul>
Power	<ul style="list-style-type: none"> <li>• 230V AC</li> </ul>
CE	<ul style="list-style-type: none"> <li>• LV Directive: <ul style="list-style-type: none"> <li>○ EN 60950</li> </ul> </li> <li>• EMC Directive: <ul style="list-style-type: none"> <li>○ EN55022, EN55024, EN61000-3-2</li> <li>○ EN61000_4-2,3,4,5,6,11</li> </ul> </li> </ul>
Part numbers	<ul style="list-style-type: none"> <li>• ari-e1-aac-y</li> <li>• y = Security option <ul style="list-style-type: none"> <li>○ AES encryption enabled: y = 1</li> <li>○ AES encryption disabled: y = 0</li> </ul> </li> </ul>

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