



## A cost efficient media monitor for kiosks and displays

Digital Signage and web kiosks make it possible to engage with audiences in public spaces like never before. Involving constantly changing, interactive, and locally adapted displays makes your communication with customers both exciting and dynamic. It also gives you a practical and resource-efficient way of spreading your company's information or advertising messages to broad audiences and measuring the effect.

The MultiQ Media monitor 5 is designed for cost-efficient interactive touch and web-kiosk applications. Everything needed is built into the monitor and all you have to do to set it up is connect it to power and a network. The combination of MultiQ media monitors and the Digital Signage Management System 3 (DSMS 3) represents a new generation of digital signage solutions. It supports all the traditional digital signage functions, such as high MPEG 2/4 quality video, media

scheduling and local storage for instant media access and minimized use of bandwidth.

On top of this, the combined DSMS 3 and Media monitor 5 solution embraces tools and technologies that are well known and used for Internet web applications – thereby enhancing capabilities way beyond those of traditional digital signage. Employing web standards such as html, JavaScript, Ajax the new generation of MultiQ Media players facilitates content and application creation, all using standard web development tools. This also means you can reuse existing applications and content from the web and other sources. Interactive or not, digital signage applications are now easy to build since they are based on standard web applications.

The MultiQ approach is to use web-based standards and open APIs for the central system as well as the media players. This makes it easy to integrate the digital signage applications with other systems and paves the way for new kinds of digital communication – that truly engages the end user.

# MultiQ Media monitor 5

## Technical specifications

Software	
Operating system	Based on Linux kernel version 2.6, glibc ver. 2.7, optimised for embedded digital signage applications.
Digital signage application	MultiQ Client Control software, including screen region control, scheduling and device management such as embedded software upgrades.
Video file format support	MPEG-1, MPEG-2, MPEG-4, H264, SWF
Audio file format support	OGG and optional mp3, mp3 requires MultiQ mp3 license.
Browser	Mozilla Gecko 1.9, same version as used in Firefox-3.0.10, supporting Javascript, Ajax and other w3c standards.
Browser add-ons	<ul style="list-style-type: none"> <li>Multi-lingual virtual keyboard (UK, FR, DE, SV, NO, DK)</li> <li>Flash 10 is available as user loadable module</li> <li>Sun Java Runtime environment 1.6.0</li> <li>Client side network functionality verification tools – verifies web-source availability and initiates alternative handling in case if network problems.</li> <li>URL access limitations – enables administrator to lock web browser access from and to specific URLs</li> <li>A soft view transition between urls</li> <li>Loader indication – clearly notifies end user, that download of new content to browser is in progress</li> </ul>
Web server	Apache 2.2.11
Web server scripting language	PHP 5.2.10
Database	SQLite 2.8.17
Player API	MultiQ open API (MAPIDS) for device control
Logging	Logs in standard apache log file format (expected availability Q1 2010).

Hardware	
Control	Brightness adjustment
Viewing angle	H: -89° ~ 89° (typ @ CR 10:1) V: -89° ~ 89° (typ @ CR 10:1)
Brightness	300 cd/m <sup>2</sup> (typ)
Contrast	1500:1 (typ)
Resolution	1280 x 1024 (max)
Lamp Life	50 000 h (min)
MTBF	50 000 h
Response time	8 ms GTG (typ)
System	CPU Intel Atom 1.1 GHz, 512 kB RAM, 2 GB Flash (1 GB available for user files).
Touch panel	Resistive touch panel
Audio output	3.5 mm analogue stereo line output S/PDIF digital electrical interface
Network	RJ-45 10BASE-T/100BASE-TX/ 1000BASE-T
USB	2 USB 2.0 ports
Mounting	VESA (75 x 75 mm)
Dimensions	428(W) x 358(H) x 59(D) mm
Weight	Net weight: 7.25 Kg Shipping weight: 10.05 Kg
External power supply	Input: AC 100-240V, 50-60Hz Output: 12V DC, 5.0A
Power usage	45-46W (typ), 50W (max excl. USB devices), 55W (max incl. USB load), 6W soft shut down.
Operating temperature	0-40°C
Approvals	Power supply: CE, UL, TUV/GS Media Player: CE Environmental: RoHS, WEEE

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