

INFORMATION MONITOR

Avtek DS2

Avtek

Inspire | Engage | Lead

Avtek DS2 digital signage displays offer a modern way to present content and capture your audience's attention. Designed for even the most demanding environments, they combine outstanding image quality, elegant design and versatility. Advanced content management features help you create engaging messages, promote your products and services effectively, and build a professional brand image. Whether used for advertising, sharing information or internal communication, Avtek DS2 displays make every message more impactful and turn any space into a place for modern visual communication.

MODEL	Avtek DS2 43	Avtek DS2 55	Avtek DS2 65	Avtek DS2 75	Avtek DS2 86	Avtek DS2 98
DISPLAY						
Screen diagonal	43"	55"	65"	75"	86"	98"
Display technology	LCD					
Panel type	VA				ADS	
Backlighting	DLED					
Native resolution	3840 × 2160					
Aspect ratio	16:9					
Refresh rate	60 Hz					
Typical brightness	500 cd/m²					
Minimum brightness	450 cd/m²					
Static contrast ratio	4000:1	5000:1		5500:1	1200:1	
Panel response time	6.5 ms				8 ms	
Colour depth	8 bit + FRC					
Number of displayable colours	1.07 billion					
Anti-glare coating	Yes					
Haze level	25%					
Viewing angle (H/V)	178°					
Operating orientation	Landscape / portrait					
Rated operating time	24/7					
Rated backlight lifetime	≥ 50 000 hours					
CONNECTIVITY						
HDMI IN	3 × HDMI 2.0					
Maximum HDMI input signal	3840 × 2160 at 60 Hz					
HDCP	HDCP 2.1 — all three inputs					
HDMI ARC	HDMI IN 1					
HDMI CEC	All three inputs					
HDMI OUT	1 × HDMI OUT, up to 3840 × 2160 at 60 Hz					
HDMI OUT signal sources	HDMI IN 2/3, USB-C, OPS — depending on source availability					
USB-A 2.0	1 × USB 2.0					
USB-A 3.0	1 × USB 3.0					
USB-C	1 × USB-C					
USB-C video transmission	DisplayPort 1.2 Alt Mode					
USB-C data transmission	USB 2.0					
USB-C Power Delivery	65 W; 15 W with OPS installed (65–98" models)					
Network sharing via USB-C	Up to 100 Mb/s					
LAN RJ45	2 × RJ45 10/100/1000 Mb/s (LAN IN/OUT)					
RS232	1 × RS232					
Audio input	1 × AUDIO IN, 3.5 mm jack					
Audio output	1 × AUDIO OUT, 3.5 mm jack					
Digital audio output	1 × SPDIF (optical)					

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SYSTEM						
Operating system	Android 14					
SoC	MediaTek MT9681					
CPU	4 × ARM Cortex-A73					
GPU	ARM Mali-G57 MC1					
RAM	4 GB					
Internal storage	32 GB					
OPS slot	None		1 × OPS, 80-pin			
FEATURES						
	Power on/off scheduling Content playback scheduling Remote display and content management Wireless screen sharing Picture-in-Picture (PIP) / Picture-by-Picture (PBP) CMS support (AvtekSign, Avtek CMS, WebCMS)					
AUDIO						
Speaker system	Built-in stereo speakers					
Number of speakers	2					
Rated power (RMS)	2 × 12 W					
Peak power	2 × 16 W					
MECHANICAL SPECIFICATIONS						
Dimensions (W × H × D)	964.6 × 552.5 × 62 mm	1233 × 703.5 × 62 mm	1463.3 × 838.3 × 68 mm	1685.6 × 963.7 × 68 mm	1930.8 × 1101.7 × 68 mm	2198.9 × 1254.6 × 68.6 mm
Bezel width (T / L / R / B)	9.9 mm		15.9 mm			18 mm
Housing material	Metal					
VESA	200 × 200 mm	400 × 400 mm	600 × 400 mm			800 × 400 mm
Carrying handles	2		4			
Wall-mount plate dimensions (W × H × D)	475 × 247.6 × 15.8 mm		654 × 216.6 × 19.8 mm			960 × 248 × 19 mm
Packaging dimensions (W × H × D)	1056 × 647 × 156 mm	1332 × 839 × 156 mm	1628 × 942 × 185 mm	1863 × 1090 × 225 mm	2110 × 1247 × 225 mm	2360 × 1425 × 280 mm
Net weight	9.42 kg	13 kg	23.73 kg	33.22 kg	40.8 kg	53.9 kg
Gross weight	13.04 kg	18 kg	32.16 kg	48.44 kg	56.95 kg	80.1 kg
POWER SUPPLY AND CONSUMPTION						
Supply voltage and frequency	100–240 V AC; 50/60 Hz					
Typical power consumption	45 W	67 W	96 W	116 W	147 W	173 W
Maximum power consumption	222 W	235 W	274 W	342 W	376 W	485 W
Standby power consumption	≤0.5 W					
STANDARD ACCESSORIES						
Power cable	1 pc, 3 m long					
Remote control	1 pc					
Wall-mount bracket	1 set					
HDMI cable	1 pc					
Wi-Fi module	1 pc					
OPERATING CONDITIONS AND WARRANTY						
Operating temperature	0 to +40°C					
Relative humidity during operation	10–90% RH					
Storage temperature	–20 to +60°C					
Relative humidity during storage	10–90% RH					
Warranty	3 years (door-to-door)					

One display, three ways to manage content

Avtek DS2 gives you the freedom to choose — from simple local management to an advanced cloud platform.



Web CMS

Simple local management via IP

Web CMS is designed for users who need quick and convenient access to a single display. No additional software needs to be installed on a computer, and no cloud account is required. Simply enter the display's IP address in a web browser to access basic settings and manage the content shown on screen. Web CMS lets you upload and play content locally, making it an ideal choice for reception areas, retail outlets and smaller installations. All communication takes place over the local network, with no internet connection required.



Avtek CMS

Centralised management on your own network

Avtek CMS is a proven server–client solution for organisations that want to retain full control of their content within their own IT infrastructure. The system enables centralised management of multiple displays through a single server, which users can access from different computers via a web browser. It supports playlist creation, scheduling, device grouping and convenient management of displayed content. All materials are stored on your own server, with no need for an external cloud. It is an excellent solution for businesses and institutions that value independence, flexibility and control over their visual communication.



AvtekSign

Professional enterprise-grade platform

AvtekSign is a modern Digital Signage platform that takes visual communication management to a whole new level. Cloud access lets you create engaging content and manage displays from anywhere in the world. An intuitive interface, an extensive library of professional templates, advanced scheduling and multi-zone layouts let you create impressive presentations without specialist skills. Integrations with Canva, Power BI, Excel Online and SharePoint open up new possibilities for communication, while playback of previously downloaded content keeps your displays running even without an internet connection.

Every Avtek DS2 display comes with a 12-month AvtekSign licence — discover professional Digital Signage without additional licence fees during the first year!