



DS Vision Digital

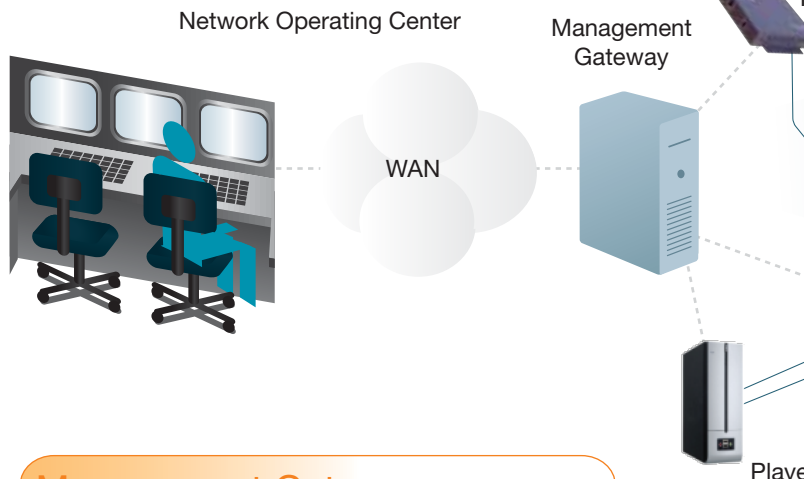
**Next Generation Solution for Media
Distribution & Remote Display Management
with Proof Of Performance**

The Digital Signage market is rapidly moving towards the deployment of an increasing number of high-definition digital displays, and operators rely on high performance distribution systems in order to efficiently deliver HD digital media content. In addition, to manage and monitor the performance of many displays, Digital Signage integrators and network owners need a solution that offers remote management capabilities. Responding to these requirements with innovative and comprehensive solutions, **Minicom Digital Signage** presents **DS Vision Digital** which allows media distribution, as well as control and monitoring of multiple remote display assets from a single location, using Proof-Of-Performance technology.

DS Vision Digital is a powerful solution that distributes real-time digital non-compressed full HD content to multiple terminals and enables remote display management with Proof-of-Performance.

Media Distribution

DS Vision Digital delivers real-time digital non-compressed full HD content, for an optimized content fidelity



Management Gateway

Enables administration and management of remote devices with Web services, performance monitoring and player switchover in order to raise your Digital Signage network overall performance

Added Values:

■ Distribution of real time full HD digital non-compressed content

DS Vision Digital enables real time distribution of non-compressed (i.e. lossless) digital media, maintaining maximum content fidelity. DS Vision Digital supports full HD media at 1080p/60 fps resolution that is compatible with current content formats and players.

■ Scalable media distribution

DS Vision Digital allows you to cascade broadcasters in scaled distribution to deliver media to as many displays as you need, giving you the option to add displays as your business grows.

■ Scalable media extension up to 600m (2000ft)

With **DS Vision Digital**, your Digital Signage content can be easily distributed at a distance of 600m (2000ft) from the server room to the display, without compromising its quality.

■ Remote Display Management (RDM)

Leveraging an innovative RDM technology embedded in the receiver unit, **DS Vision Digital** allows you to remotely control and monitor your display assets - allowing operational visibility to be improved, operating costs to be reduced and system up-time to be increased.

■ End-to-end Proof-Of-Performance (POP)

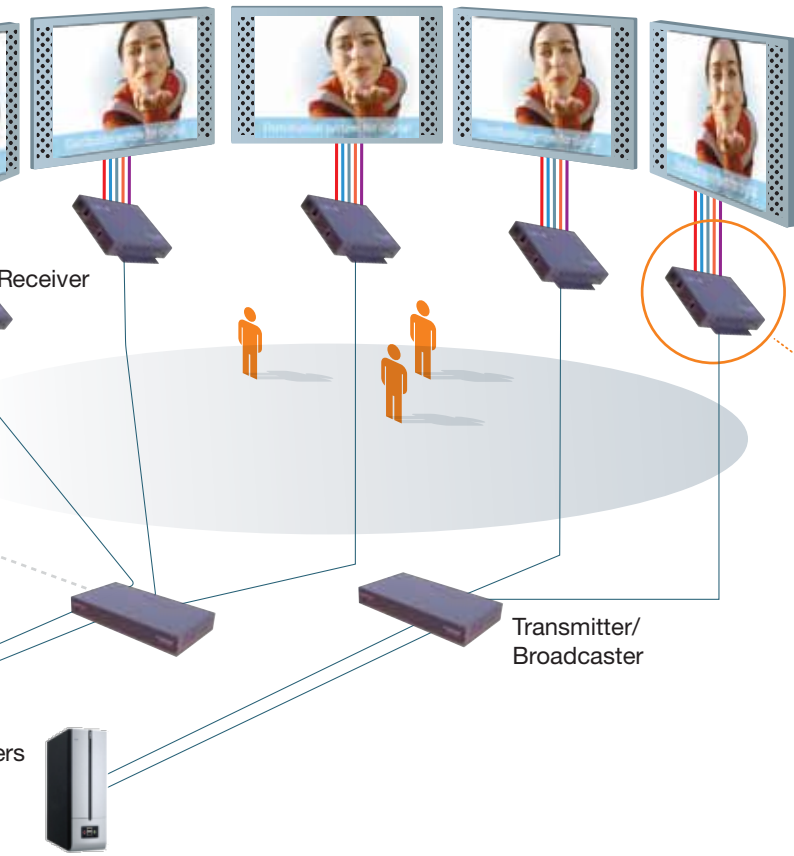
In order to determine if your system performance matches your expectations, **DS Vision Digital** facilitates end-to-end Proof-Of-Performance. Our proprietary Media Feedback Monitoring Engine allows you to supervise, and receive immediate feedback on the media being displayed by immediately sending an alert if the content is not displayed properly, thereby improving your system's overall functioning and minimizing downtime.

■ Continuous playback

In case of player failure, **DS Vision Digital** offers a unique player switchover capability to ensure continuous media playback by simultaneously connecting two players to the same system. If one player stops functioning, the system sends an alert and switches over to the secondary player in order to enable continuous playback.

■ Terminal IP and serial connectivity

DS Vision Digital enables the connection of terminal side IP devices - such as cameras or embedded PCs - to the Content Management System (CMS). This allows, for example, audiences to be analyzed and specifically targeted. Bi-directional serial connectivity allows a terminal to be remotely powered on or off, or the adjustment of volume, brightness and contrast. All this can be achieved using the same, single network cable - and without adversely impacting bandwidth.



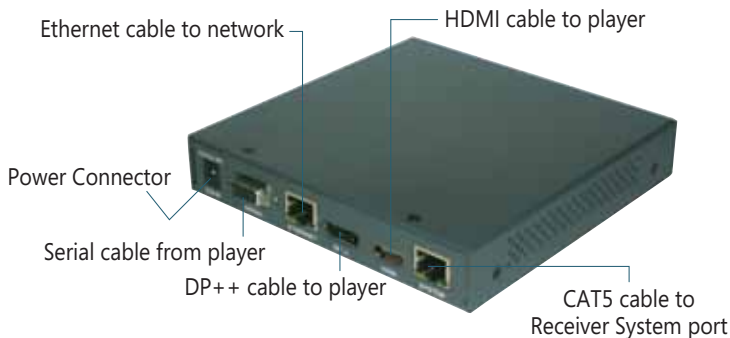
Remote Display Management
Control & Monitor your Digital Signage network in order to lower your Total Cost of Ownership

Proof Of Performance
Receive an immediate alert if the content is not displayed properly to significantly increase your display uptime

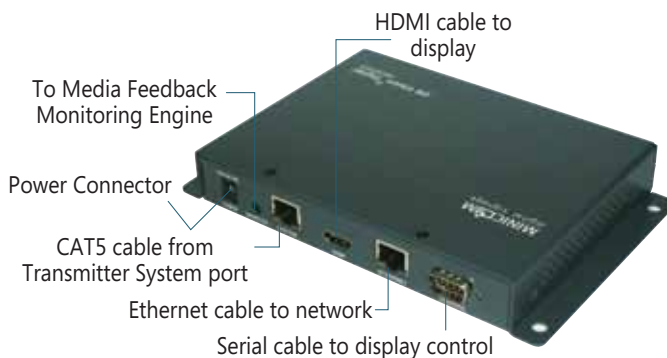
Features	Description	Benefits
Display performance monitoring	Media sampling mechanism is available for monitoring media quality based on real media sampling	Ensure end-to-end reliable Proof Of Performance
Management API*	Management software is available for infrastructure remote control and monitor	Reduce operational costs and increase system uptime
HDMI and DP support	Supports both HDMI 1.3a and Display Port DP++ players	Conform to next generation player and display specifications
RS232/Control	Send serial/control commands to the terminal	Control displays remotely
Single CatX cable	Media distribution, control, monitoring and IP communication over a single cable	Lower integration and infrastructure costs
DDC support	Optimizes player-screen interaction. Display Data Channel (DDC) termination to save and exchange DDC information	Ultimate visual experience, and reduction of time (e.g. replace display)
IP/Ethernet support	Integrate the display and its peripherals to the data/internet network to send data to and from the display while ensuring real time media quality of service on a single cable	Connect terminal side devices to the player/CMS network using the media distribution infrastructure
Zero calibration	No need for equalization or skew compensation tuning	Reduce integration cost and ensure image quality
High modularity	Extension and distribution modules easily integrated like building blocks	Simple to build customized topologies
VESA compliant	Mounting using standard display mounting mechanics	Easy and secured installation

*Management API – Available via integration with Management Gateway

Transmitter



Receiver



About us

Minicom Digital Signage provides advanced media distribution and management solutions based on cutting edge technology to maximize efficiency and lower TCO of Digital Signage networks. Our solutions allow the distribution of rich content from a media player to multiple digital displays located hundreds of meters/feet away, offering advanced remote monitoring and control capabilities. Our mission is to offer integrators and distributors media infrastructure, solutions with the highest added value at the lowest capital & operational costs. We offer solutions that are highly reliable, and which provide advanced display management capabilities with lower integration costs at reduced risk.

With more than 400K screen displays powered, offices and partnerships all over the world, as well as two decades of experience in providing solutions in video distribution and display management, **Minicom Digital Signage** is the recognized leader in providing innovative and comprehensive solutions to the ever-growing challenges and requirements of the Digital Signage industry.

Media Distribution & Management Solutions

A/V/DS Audio / Video Distribution System



- Up to 250m/830ft reach
- 1920x1440 resolution (>full HD)
- Remotely powered receivers
- Dual display splitter
- Displays remote control unit

DS Vision 3000 Audio, Video & Display Control



- Up to 600m/2000ft distance
- 1920x1440 resolution (>full HD)
- Display serial control
- Daisy-chain support
- Service utility software

DS Vision Digital Media Distribution, Remote Management



- Up to 600m/2000ft reach
- Digital uncompressed HD media
- HDMI and DP++ distribution
- Remote display management
- Performance monitoring