APPLICATIONS

Private Networks

- File-Based Video Broadcasting
- Digital Signage
- On-Demand Video
- Multi-Format File Server
- Video Streaming
- Satellite and Internet Content Delivery
- Wireless LAN Option

FEATURES

- Compact Digital Signage Player
- 3 1080P Displays Supported, 4 (Optional)
- Individual Content can be displayed on each monitor
- Web Browser Configuration and Diagnostics
- Deliver Content via Satellite or IP
- Easy to deploy and control with Compel 2
- Field Upgradable Software
- Secure file delivery and reporting over internet using https://

MAP Signcaster PRO
Digital Media Server

The **MAP Signcaster PRO Digital Media Server** provides high reliability, and flexible solution for enterprise business applications, such as, client-facing digital signage, video-on-demand, employee training, serving data to 3rd party devices and aggregating data from multiple sources. It is designed to help display video, audio and data content in various, controlled ways to end-users.
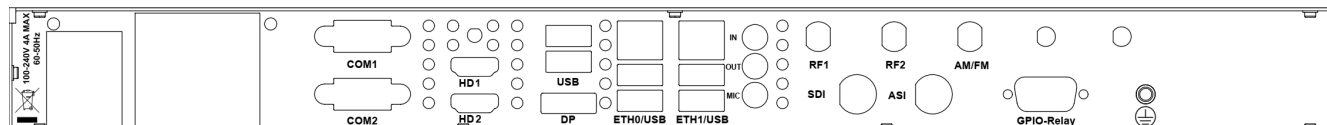
Use the MAP Signcaster PRO Digital Media Server to:

- support HD and SD playlists
- display digital signage
- time-shift programming
- regionalize program insertions
- stream video to desktops or television monitors
- access media libraries *(requires IR remote control kit)*
- support satellite & internet file delivery
- access data files via LAN connection or optional wireless LAN

WEGENER's end-to-end solution includes network control components to maximize the distribution of live broadcasts, stored content and seamlessly re-use content for multiple media applications. It offers great flexibility for targeting content and remote configuration.

TECHNICAL

RF CHARACTERISTICS	
Input Frequency Range	950 to 2150 MHz
Input Level Range	-25 to -65dBm
Input Connector	Type-F
LNB Power	18 VDC@275mA
Universal LNB Power	13/18 VDC@275mA max 22kHz, Control Tone
Symbol Rate Range	
DVB-S QPSK	1-55 MSps
DVB-S2 QPSK	1-55 MSps
DVB-S2 8PSK	1-45 MSps
FEC Coding	
DVB-S QPSK	1/2, 2/3, 3/4, 5/6, 7/8
DVB-S2 QPSK	1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
DVB-S2 8PSK	3/5, 2/3, 3/4, 5/6, 8/9, 9/10

ETHERNET INPUT	
IP Data	GigE
Connector	CAT5

LAN IP STREAM CHARACTERISTICS	
Protocol	UDP Multicast or TCP Unicast
Format	Transport (Single Program)
Codec	MPEG-2 and H.264
Video Resolution SD and HD	Rate Up to 10 Mbps Multicast or 5 Mbps Unicast

VIDEO CHARACTERISTICS	
Compression Codec	MPEG-1, MPEG-2, MPEG-4 AVC (h.264)
Color Sampling	4:2:0
Outputs	Standard HD ports (2) DisplayPort (1)
Maximum Display Support	Landscape 3 (4 with Optional DP Splitters), Portrait 3

AUDIO CHARACTERISTICS	
Compression Codec	MPEG-1 Layer II
Sample Rates	44.1 & 48 kHz
Analog Type	1 stereo pair
Analog Connector	1/8" jack
Optional Codecs	AAC, MP3, Dolby

ENVIRONMENT	
Operating Temperature	10º C to 40º C
Relative Humidity (max.)	80% up to 31º C, decreasing linearly to 50% at 40º C
Dimensions	9.4" x 2.7" x 2" (236 x 179 x 54) mm
Power	100 to 240 VAC, +6%, -10%, 50 or 60 Hz

UNIT CONFIGURATION AND MONITORING	
Control	WEGENER Compel Control
Access Modes	Local Web Interface, FTP, SMB
Terminal	RS232 Serial Port
GPIO	(See Manual) for Pin Configuration

PRODUCT OPTIONS	
Display	DisplayPort Splitter - Increase 3 landscape display limit to 4 1080P displays in landscape mode
Communication	Wireless LAN Interface IR Remote Control (access Media Library) & OSD
Disk Storage	M.2 Sata for content storage M.2 Sata 128GB Typical, up to 1TB
Power	Line Cord (power Cord) - International

FUTURE OPTION	
AM / FM Input Module	Broadcast Radio
Optional Tuners	DVB-S2X Satellite DVB-C/T/T2 Broadcast TV (All three supported together) ATSC Broadcast TV
Cellular Connectivity	4GLTE, 5G (Future)

Product specifications are subject to change without notice