iPUMP 525

IP MEDIA PLAYER

APPLICATIONS

Private Networks

- File-Based Broadcasting
- Digital Signage
- Regional Advertising
- Corporate Communications
- Retail Video Displays
- News & Information

BENEFITS

- IP-based media distribution
- Flexible Compel Control®
- HD and SD video support
- Blends presentation of video, text and graphics

MAXIMIZING LOCAL PRESENTATION

WEGENER's iPump 525 IP media player is optimized for enterprise applications requiring a high level of customization per screen, such as, digital signage and news & information channels.

The iPump 525 IP media player is a remotely commanded unit for automating file-based content distribution and playout of video, audio, text and graphics. For advertisement based signage, video playout can be tailored on a site by site or regional basis to showcase products based on sales targets or availability. All video playouts can be augmented with graphics and text, such as local merchant names, locations and phone numbers. Additionally, the text overlay (static, crawl, etc.) feature of the iPump 525 can be used to immediately update hundreds of displays with crucial time sensitive information, such as financial exchange rates, stock prices, plane schedules, horse racing odds, and much more.

COMPEL CONTROL

Compel® network control system puts every WEGENER receiver under a central network operator's control. It gives the operator the power to manage a hybrid network of IP and satellite-enabled media receivers through a common, easy-to-use interface to schedule commands that regionalize playlists and commercial insertions.

iPUMP 525 - IP MEDIA PLAYER

TECHNICAL SPECIFICATIONS

FRONT PANEL INDICATOR

Buttons	Menu, Enter, Navigation
Indicators	Power, Network, Error, Record, Download

NETWORK INTERFACES

Key Protocols	IP, TCP, UDP, IGMP

ETHERNET CONNECTION

Standards	10BASE-T / 100BASE-T
Connector	RJ45

VIDEO CHARACTERISTICS

Compression Codec	MPEG-1, MPEG-2, MPEG-4 AVC (h.264)
Color Sampling	4:2:0
Outputs	Composite - NTSC, PAL S-Video, Component YPbPr, HDMI
Max SD Resolution	480 (i and p)
Max HD Resolution	1920 by 1080i
PAL Modes	PAL B, PAL G
Supported HD Resolutions	1080i, 720p
Output Level	1.0Vpp +/- 5%
Output Impedance	75 Ohms
Connectors	Composite – RCA, S-Video – 4 pin DIN, HD Component – RCA, HDMI
Output Compatibility	Down scales HD sources to SD output resolution

AUDIO CHARACTERISTICS

Compression Codec	AAC-LC, MPEG-1 Layer II, Dolby Digital
Data rates	32 – 640 kbps
Sample rates	44.1 & 48 kHz
Analog Output	Stereo Left and Right
Digital Output	S/PDIF
Analog Output Connector	RCA – Left, Right
Digital Output Connector	Electrical – RCA Optical - TosLink

LAN IP STREAM CHARACTERISTICS

Protocol	UDP Multicast or TCP Unicast
Format	Transport (Single Program)
Codec	MPEG-2 and H.264 (Main, 4.1 Profile)
Video Resolution	SD and HD
Rate	Up to 10 Mbps Multicast or 5 Mbps Unicast

UNIT CONFIGURATION AND MONITORING

OSD and push buttons
IP interface
IR Remote (option)
WEGENER COMPEL Control

SIGNAGE SUPPORT

Text & graphic regions
Scaled video
Text: static, scroll or crawl
Mix HD & SD playlists

DISK STORAGE

Capacity	80* Gigabytes

POWER SUPPLY

Rating	12VDC, 28 W max with hard drive
Input Range	90 to 264 VAC, 47 to 63 Hz

MECHANICAL

Altitude	Up to 2000 meters
Temperature Range	10° C to 45° C
Weight	5 pounds or 2.3 kg
Dimensions	(H x W x D) 2.1" x 10.6" x 9.0" or 53.3mm x 269.2mm x 228.6mm

AGENCY APPROVALS

FCC Part 15B Class A, UL1950, CSA, CE, RoHS

* Other disk storage sizes available upon request, based on availability and minimum quantity orders.

www.wegener.com/PRODUCTS/index.php
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