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DRAKE

DNP100

Network Media Player

Features

- Enhanced bit rate for 1080i output
- Linux-based Operating System
- Network controlled API
- Webkit QT web browser for multi-layering overlays
- RS-232 output for commercial controlled environments
- API for native applications
- Synchronous triple output video
- LCD system status display

The Drake DNP100 is a multi-output network media player capable of playing multi-layered MPEG-2 or MPEG-4 streams including an optional webkit/web browser-generated overlay. Once loaded with user-selected content, the DNP100 will output video stream resolutions of 480p, 720p, or 1080i through multiple synchronized outputs including Component, HDMI, Composite, and VGA output ports. These output ports then deliver the enhanced bit rate SD or HD content to the Drake DSE24 HD Digital Signage Encoder, the SDE24 or HDE24 MPEG Encoder Solution for QAM Modulation.

Products for Use with DNP1000

DSE24 High Definition Digital Signage Encoder

MEQ1000 Multiplexing Hybrid QAM Modulator

EH244 Quad QAM Encoder Host

HDE24 High Definition MPEG Encoder Module

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Specifications

Video Output	
Component:	480p, 720p, 1080i
HDMI:	480p, 720p, 1080i
Composite:	480i
Output:	VGA & HDMI
Audio Output	
L/R Stereo:	R/L RCA
Digital	Optical Toslink
Control I/O	
Optional push-button dual controls	
Custom program can allow up to 8 inputs	
RS-232 Commercial Monitor Control	
IR Extender (on front panel)	
Network Connection	
LAN:	10/100/1000 Base-T
WiFi:	802.11 b/g (optional)
Video Format Support	
MPEG2:	MP@HL (35 Mbps max HD)
MPEG4:	Part 2 (20 Mbps max HD)
	Part 10 H.264 (15 Mbps max HD)
Composite:	480i
WM9/VC-1:	20 Mbps max
Graphics Format	
JPEG:	On media layer, (recommended resolution is 1920x1080)
Browser Support:	HTML,BMP, TIFF, GIF, Javascript
Bandwidth	
Broadband:	DSL,Cable,T1 with at least 128 Kbps
TCP/IP Address	
LAN:	Any fixed IP address for each player
WAN:	Fixed public IP address for each player or router with its port forwarding enabled if players are behind a router.
Required Ports for SNMP API	
Player port is fixed at 161	
Source port 161, Player IP, Destination Port 161	
Network Protocol Support	
Internet:	IP, TCP, UDP, ICMP, ARP,DHCP, HTTP, FTP, IGMP RTP, SNMP
Power	
Input Voltage:	100-240 VAC
Power Dissipation:	7 Watts
Environment	
Operating Temperatue:	0 to 40° C
Operating Humidity:	80% max, relative humidity, non-condensing

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