



DW Spectrum <sup>®</sup> SERVER
A media server responsible for discovering, connecting to, and managing system devices and data. Has the ability to operate alone or as one part of a multi-server hive.
Microsoft Windows
Ubuntu Linux
# OF SERVERS IN A SYSTEM HIVE: 50 *
# OF STREAMS PER SERVER: 128
# OF CLIENTS PER SYSTEM: UNLIMITED
* 50 is a recommended maximum.
Contact support for more info.
<b>DISCOVER - 1000's of devices</b>
IP Cameras (ONVIF, Custom)
RTSP/HTTP Streams
I/O Devices
DW Servers / Systems
Samba NAS
<b>MANAGE</b>
IP Cameras - H.265 H.264
Advanced Routing
Storage (HDD/NAS/DAS)
Events & Rules Engine
Failover
Transcoding
<b>VIEW</b>
Live Video (adaptive)
Recorded Video (adaptive)
Server Health
Log Files
Audit Trail
Storage Status
<b>UPDATE</b>
One click upgrade - system wide server upgrades
<b>INTEGRATE ANYTHING</b>
HTTP Generic Events
HTTP Request-as-an-Action
Server API
Storage SDK
Video Source SDK
API Generator - create HTTP Generic Events or API calls

DW Spectrum <sup>®</sup> CLIENT	
A rich media player with a flexible GRID interface, unmatched speed and responsiveness, instant notifications, an embedded browser, and a user experience unlike any other video management software.	
Microsoft Windows	
Ubuntu Linux	
Apple / Mac OSX	
64 BIT OS: 64 Items (e.g. 64 live streams)	
32 BIT OS: 24 Items (e.g. 24 live streams)	
USABILITY	MEDIA
Drag & Drop	IP Cameras / Encoders
Seamless transition from live to recorded video	RTSP/HTTP Streams
Consolidated Notifications	I/O Devices
Flex Timeline	Web Pages
Customizable Layouts	Videos
Digital Maps	Images
Adaptive Scaling	Two-Way Audio
Universal Fisheye Dewarping	
Joystick support	
CONFIGURATION	SEARCH
Events & Rules Engine	Smart Motion Search
User Management - LDAP Integration	Keyword Search
IP Cameras / Encoders	Calendar Search
Server Management	Time-Slice Thumbnail Search
I/O Device Management	Bookmarks
Storage Management	Audit Trail
Event-driven video switching	
SOFT TRIGGERS: Create buttons to initiate Actions	
VIDEOWALL: Put DW Spectrum Client into VideoWall mode to control remotely	
SHOWREEL: Fully customizable timed viewing tour of any GRID media	
Acknowledge and Bookmark	
SPECS	
MINIMUM	PERFORMANCE
HARD DRIVE: HDD/SSD/mSATA	HARD DRIVE: Performance SSD
RAM: 2GB CPU: Quad Core Intel Celeron CPU or higher	RAM: 16 GB RAM
GRAPHICS: Intel HD Graphics 3000 w/ OpenGL2.1 support	CPU: Intel Core i5
NETWORKING: 1GB NIC	GRAPHICS: NVIDIA GeForce GTX 1050 (OpenGL2.1 support is required)
	NETWORKING: 10 GB NIC



DW CLOUD™
Powered by Amazon Web Services, makes connecting to and managing DW Spectrum System(s) simple. Set up in Seconds. Connect from anywhere. Share with an unlimited number of Users.
Chrome
Firefox
Opera
Edge
Safari
CONNECT
NAT Traversal
Data Proxy via AWS
Simple Credentials
Encrypted Communications
Wifi/LAN/WAN
4G/LTE/Data
PASSWORDS: COMPLEX MULTI-LEVEL HASH
SECURE PASSWORD RECOVERY: VIA EMAIL
HTTPS: OPENSLL ENCRYPTED SERVER/CLIENT/CLOUD CONNECTIONS
VIEW
Live Video (adaptive)
Recorded Video (adaptive)
Camera Details
Keyword Search
Calendar Search
Flex Timeline
MANAGE
System Settings
User Permissions
Cloud Connections
Email Notifications
SCALABILITY / INTEGRATIONS
Unlimited # of Systems
Unlimited # of Users
Unlimited # of Devices
Cloud API

DW Spectrum® Mobile
A fast, user-friendly mobile application that allows users to connect to, view, search, and control IP cameras over Wifi or Data networks.
iOS
Android
CONNECT
Wifi
Data 4G/LTE
VIEW
Live Video (adaptive)
Recorded Video (adaptive)
Layouts
Available Systems
SEARCH
Keyword
Calendar
Flex Timeline
CONTROL
Advanced PTZ / Standard PTZ
Fisheye Dewarping