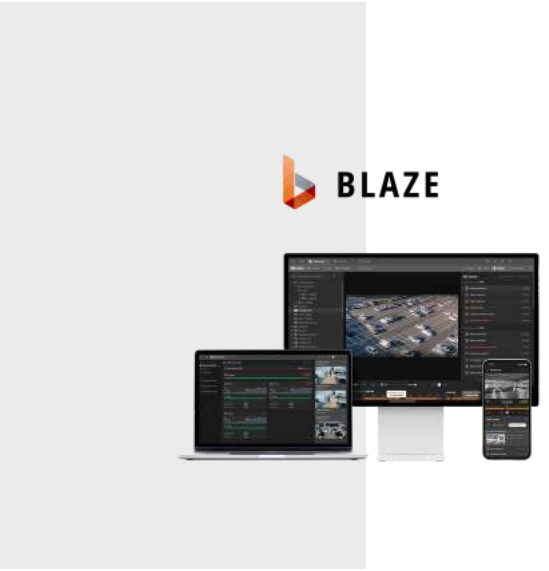


BLAZE

Hybrid AI VMS

Key Features

- Hanwha End-to-End Platform
- On-premise Performance
- Cloud-based Federation
- Centralized System Management
- Embedded Appliances for Fast, Reliable Installations
- AI-Powered Investigations
- Multi-platform Support

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BLAZE

Hybrid AI VMS



Specifications

Software

System	# of Channels per Server	256
	# of Clients per Server	100
	# of Clients per System	5000
	# of Servers in a System	50
	Clustering	Yes (50)
	Unlimited Scalability via Cloud	Yes
	Centralized RBAC for Federated Systems	Yes
	Federated Video Capability	Live & Playback
	Compatible OS (Server)	Windows 10/Enterprise, Windows 11, Windows Server 2019, Windows Server 2022, Windows Server 2025, Windows 10/11 IOT Ubuntu 22.04 LTS, Ubuntu 24.04 LTS
	Compatible OS (Client)	Windows 10 Enterprise (LTSC 2018 / LTSC 2021) 64-bit, Windows 10 IoT (LTSC 2018 / LTSC 2021) 64-bit Windows 11 Apple macOS 12 (Monterey)+ Google Android 8+ Apple iOS 16+ Web
	Failover (Active-Active)	Yes
	Remote Connection via Cloud	Yes
	Languages	Danish, German, English(US), Spanish, French, Italian, Hungarian, Dutch, Norwegian(Bokmål), Polish, Portuguese, Romanian, Finnish, Swedish, Turkish, Czech, Serbian, Japanese, Chinese(Simplified), Korean, Arabic

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Software

Live / Playback	# of Channels per Layout	64
	Flexible Grid Layout with Resizable Tiles	Yes
	Auto Profile Switching Depending on Number of Channels	Yes
	Syncronized Playback	Yes
	Simultaneous Live	Yes
	Playback Control (RW, FF, 1fps)	Yes
	Loop Playback	Yes
	Device Grouping with Multi Depth Resource Tree	Yes
	User-defined Layout Management	Yes
	Maps/Floorplans	Yes (2D image map)
	Digital Zoom	Yes
	Crop Windows for Detail Views	Yes
	PTZ Control	Yes
	Fisheye Dewarping	Yes
	Two-way Audio Communication	Yes
	Audio Broadcasting	Yes
	Local File Resource Tree for Exported Video or Image	Yes
	Web Pages as a Layout Item	Yes
	Object Metadata Overlay on Video	Yes
	H/W Decoding	Yes
	Aspect Ratio Display Option	Yes (Keep aspect ratio, Stretch)

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Software

Recording	Multiple Profile Record/Stream	2
	Continuous Recording Mode	Yes
	Recording Based on Schedule	Yes
	Recording on Events (+AI)	Yes
	Archive Maximum Retention Period	Yes
	Pre/Post Recording	Yes
	Distributed Recording for One Camera to Multiple Drives	Yes
	Edge Storage Backup for Network Failure Recovery	Yes
	Archive Reindexing & Recovery	Yes
Search	Timeline Search	Yes
	Calendar Search	Yes
	Smart Motion Search	Yes
	Object Search	Yes
	Similarity Search (AI-powered Person Matching and Tracking)	Yes
	Semantic Search (Natural Language-based Video Search)	Yes (P-series BLAZE appliances only)
	Thumbnail Search for Rapid Incident Drill-down	Yes
	Event Search	Yes
	Bookmark with Protected Video	Yes
Export / Share	Single & Multi CH Export	Yes
	Export in Generic Format	Yes (MKV, MP4)
	Export in Proprietary Format	Yes
	Export w/ Password	Yes
	Export w/ Digital Signature	Yes
	Export w/ Player	Yes
	Re-export from Media Files	Yes
	Screenshot	Yes

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Software

Event & Rules	Events and Rules Engine	Yes
	Multiple Trigger & Multiple Action	Yes
	Server-side Motion Detection	Yes
	Notification	In-client, email, mobile app, send HTTP request
	Timeline Histogram for Visual Event Frequency Analysis	Motion, Object, Event
Maintenance	System Health Monitoring	Yes
	Software Updates (Online / Local File)	Yes
	Device Bulk Configuration	Yes
	Device List Export at Camera Settings and Health Monitoring	Yes
	Configuration Backup and Restore	Yes
	Audit Log	Yes
	System Log	Yes
	Event Log	Yes
	Debug Log for Troubleshooting	Yes
User Management	RBAC	Yes (single role per user)
	LDAP(MS AD), SLDAP	Yes (group + bidirectional)
	SSO: SAML	Yes (Okta)
Device Support	Auto-discovery for Device Registration	Yes
	Hanwha Device	Direct (SUNAPI)
	ONVIF	Profile S, ONVIF Events
	RTSP Stream	Yes
	Encoder	Yes
	Thermal Camera	Yes
	Intercom	Yes
	IP Speaker	Yes
	ANPR Camera	Yes
	Audio Beacon	Yes
	All-in-one Camera	Yes
	NVR	Yes

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Software

Mobile Client	Login	Cloud(Okta), Local
	Live	Digital zoom, PTZ control, Two-way audio
	Playback	Timeline-based playback, Bookmarks
	Search	Motion, Object, Event
	Event Push Notification	Yes
	Compatible OS	Android, iOS
Web Client	Login	Cloud
	Live	Digital zoom, PTZ control
	Playback	Timeline-based playback
	Search	Object, Event
	Compatible Browser	Google Chrome, Microsoft Edge
Add-on Features / Integration	WiseAI Packs	Yes
	AI Based Help Chatbot	Yes
	DesignPro (Import Configuration)	Yes
3rd Party / Eco-system	Server API	Yes

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