

VERSION COMPARISON

General Features	Axxon One Start	Axxon One Professional	Axxon One Enterprise	Axxon One Unified
Maximum amount of servers per system	1	30	30	unlimited
Maximum amount of cameras per system	64	unlimited	unlimited	unlimited
Hardware: Control panels, security keypads, joysticks, I/O modules	unlimited	unlimited	unlimited	unlimited
Integration with +10,000 IP cameras	■	■	■	■
Free software updates for life	■	■	■	■
Cybersecurity: TLS encryption ⁽¹⁾ , automatic checks of system integrity, strong password policies, attempted system intrusion response scenarios, mandatory password change alerts	■	■	■	■
Support for ONVIF profiles G, S, T, M ⁽¹⁾	■	■	■	■
Support for onboard storage in compatible cameras (Edge Storage) ⁽¹⁾	playback	playback	playback & replication	playback & replication
Custom Macros (Automatic Event Responses Wizard)	■	■	■	■
Mobile apps for iOS, Android	free	free	free	free
Server: H.265 / H.264 / MJPEG support, configuration backup and restore, bulk camera configuration, camera configuration import, multicast, keyboard shortcuts	■	■	■	■
Receiving events generated by on-board camera analytics via ONVIF protocol ⁽¹⁾	■	■	■	■
Local archives, NAS/SAN & Cloud archives ⁽²⁾ (Amazon S3, Seagate Lyve, Wasabi, Azur). Multi-archives	■	■	■	■
Archive search assistance: event search, TimeSlice search (search by time intervals), bookmarking, comments	■	■	■	■
Interactive 2D/3D maps, support for OpenStreetMap and GoogleMaps ⁽³⁾ , OnScreen PTZ, support for integrated fisheye cameras and ImmerVision lenses, information panels	■	■	■	■
Bandwidth optimization: keyframe management, frame pruning, adaptive bandwidth management (GreenStream)	■	■	■	■
Export of images and video recordings in several formats (.jpg, .pdf, .mp4, .mkv, .avi, .exe). Multi-camera export. Multiple Storyboard export. Axxon One Player	■	■	■	■
Creation of an unlimited number of personalized camera layouts, layout sharing between operators	■	■	■	■
Secure AxxonNet Cloud connection service with TLS encryption	free	free	free	free
"Thick" clients & HTTPS web clients (SSL certificate not provided)	unlimited	unlimited	unlimited	unlimited
Manual privacy masking of static areas and dynamic objects, Dynamic blurring of moving objects (privacy shield), Dynamic blurring of humans	■	■	■	■
AxxonData (statistical data collection and graphic reports)	■	■	■	■
Cross-System clients	-	■	■	■
Data replication between servers	-	-	■	■
Failover System (1+1, N+1, N+M)	-	-	■	■
Video wall management	-	-	■	■
LDAP authentication support	-	-	■	■
Multi-domain unification via Datacenter / Private Cloud	-	-	-	■

Analytics & AI Features

Audio analytics (audio loss, audio threshold), camera tamper analytics (obstructed camera, scene change, loss of video quality)	■	■	■	■	
Edge Analytics (receiving metadata from IP devices) ⁽¹⁾	■	■	■	■	
VMD – basic Video Motion Detection	■	■	■	■	
Object Tracker - object analysis with alert scenarios via Scene Analytics detection tools: motion in area, stop in area, appearance & disappearance in area, loitering, multiple objects, move from area to area (no line crossing or abandoned object detection)	■	■	■	■	
Scene Analytics - Line crossing detection	-	■	■	■	
Scene Analytics - Abandoned objects detection	-	■	■	■	
AI Features and Retail License Pack	"Deep Learning" analysis of humans and vehicles with events: motion & stop in area, appearance & disappearance from area, loitering, abandoned object, line crossing, multiple objects detection, move from area to area				
	MomentQuest: Advanced archive investigation: Intelligent multi-criteria search (humans/vehicles, objects by size, filters by color, direction, area, line crossing, etc.) license plate search, facial search ⁽⁴⁾				
	Human/vehicle counting, visitor counting, queue detection (except Neural Counter), heat map	-	add-on	■	■
	Fire and smoke detection				
	Medical face mask detection				
	Tag&Track Pro: automatic tracking by PTZ camera associated with fixed panoramic cameras				
	Time Compressor: analysing footage and generating a short clip highlighting all detections within chosen time period				
Multi-camera object tracking ⁽⁷⁾	-	coming soon	coming soon	coming soon	
Similarity Search – searching for people by visual similarity in archives	-	-	add-on	■	
Offline Analytics – generating metadata for imported footage on demand	-	-	-	■	
Pose detection: hands up, man down, crouching, social distancing	-	add-on	add-on	add-on	
PPE detection: helmets, high visibility vests, other equipment	-	add-on	add-on	add-on	
Neural Counter: Instant counting with real-time value display and threshold exceeding alerts	-	add-on	add-on	add-on	
Water level detection	-	add-on	add-on	add-on	
Real-time number plate recognition / Positive-Negative lists	-	add-on	add-on	add-on	
Real-time facial recognition / Positive-Negative lists	-	add-on	add-on	add-on	
Customer-tailored AI analytics	-	add-on	add-on	add-on	

Modules integration

External event source (Cash registers, Barcode/RFID scanners, etc.) ⁽⁵⁾	add-on	add-on	add-on	add-on
Access control system integrations ⁽⁵⁾	-	add-on 50 readers max.	add-on 100 readers max.	add-on
Fire and intrusion alarm system integrations ⁽⁵⁾	-	add-on	add-on	add-on
Perimeter intrusion detection system integrations ⁽⁵⁾	-	add-on	add-on	add-on

(1) Requires compatible camera, may require specific integration, please contact us.

(2) Cloud subscription not provided.

(3) Requires a license not provided by AxxonSoft.

(4) Facial search not included by default with license. Module on request.

(5) Requires compatible equipment or integration. Please consult us.

(6) Please contact us for more information on our licensing policy for LPR/ANPR supported countries.

(7) Module / license available soon.

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