



AUTOTARGETS™ HIT DETECTION

COMPARISON CHART

	CONDUCTIVE	KINETIC
LIVE FIRE		
5.7x28 to 50 BMG	✓	✓
Metal Jacketed Projectiles	✓	✓
Frangible / Polymer / Coated *	X	✓
STAND-OFF DISTANCE (OUTDOORS)		
Supersonic	0m	1-3m
Subsonic	0m	7-10m
Suppressed	0m	1-3m
NON-LETHAL		
Sims, UTM, Airsoft	X	✓
Stand-off Distance	X	0m
CYCLIC RATE		
Rounds Per Minute (max)	3000+	900
SCORING ACCURACY		
Target Zones	3**	1
TARGETS SUPPORTED		
AutoTargets HexLink™	✓	X
Cardboard / Chipboard	X	✓
Photo-realistic	X	✓
Polymer (E-Type / F-Type)	X	✓
CONSUMABLES		
Typical Cost Per Impact	\$0.03	\$0.01

* Conductive targets require metal ammunition to register impacts. Frangible ammunition must be semi-jacketed (e.g. MK311). Copper, copper clad, and copper washed typically perform well. Wax-coated lead projectiles (e.g. 22LR) results will vary and are not recommended.

** HexLink targets offer up to 4 hit detection zones. Standard HexLink targets are FBI-Q style 3-Zones. Custom targets may feature 4 zones.



AUTOTARGETS™ CONTROL SOFTWARE

COMPARISON CHART

FEATURES	AUTOTARGETS FOR ANDROID™ RANGECONTROL	RANGECONTROL +LANECONTROL
INFRASTRUCTURE		
Requires RangeServer	No	Yes
Network Options	Zero-Infrastructure Mesh or Range Network	Mesh*, Range Network
DATA AND REPORTING		
Export Results	CSV (basic)	XLSX (custom)
Results Storage	No	Yes
AAR	One Course of Fire	Historical Reporting
Tag Results w/ Student	Manually (CSV export file name)	Tag in AARStudent Login (by ID, guest, or QR Code)
Tag Results w/ Custom Data	No	Yes
Hit Data & Split Times	Per Target Only	Per Target or Tag
Leaderboards	No	Yes
SYSTEM ACCESS / CONTROL POINTS		
RSO/Instructor Tablet	Yes	Yes
Control Rooms, Large Displays, AAR, Classrooms	No	Yes
Lane Controls, Student Tablets	No	Yes
COURSES OF FIRE		
Advanced Conditional Courses of Fire	No	Yes
Simultaneous Courses of Fire	1	Unlimited
Triggers Control	Each Target	Any Trigger Can Control Any Target or Course of Fire Event
Recommended System Size	5 to 10 Target Actuators	Unlimited
Target Exposure Time	Per Target	Per Target Presentation
Delay Between Exposures	Per Target	Per Target Presentation
Battlefield Effects: Lighting, Video, Audio, Smoke, Pyro	No	Yes
VIEWS		
Custom Target Layouts	Yes, Limited	Yes, Fully Custom
Custom Range Graphics	No	Yes
Manage Multiple Ranges	No	Yes
SYSTEM ADMINISTRATION		
Turn Actuators Off	Per Target	Per Target or Per Range
Turn Actuators On	No	Yes**
Install Firmware Updates	Per Target	Per Target or Per Range
FACILITY AUTOMATION		
Lighting & HVAC Controls	No	Yes
CAMERA SUPPORT		
Target Camera Live Video Feed per LaneNo		No
		Yes

*Limited, please discuss with an AutoTargets System Expert for best practices.

**Requires Power-Over-Ethernet infrastructure.



AUTOTARGETS™ INFRASTRUCTURE

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FEATURES	ZERO INFRASTRUCTURE	SITE WIRELESS	FIXED INSTALL
Install & Hardware Costs	–	\$\$	\$\$\$
Target Data	Mesh	WiFi	POE & WiFi
Controls Data	Mesh Bridge *(to one unit)	WiFi	POE & WiFi
Target Power	Li-ion Battery (12h)	WiFi	POE & Battery
Controls Power	Battery	WiFi	POE & Battery
Pneumatics	HPA Tanks (500-650 Lifts / Tank, 20-25 min. Fill Time)	WiFi	Compressor & HPA
Location	Anywhere, Any Time	Anywhere on Your Range	Fixed Target Positions
WiFi Range Target-Target	200m Line of Sight***	Unlimited*	Unlimited*
Controls Range	30-50m to First Target	Unlimited*	Unlimited*
Portability	15lb Target, 35lb Shield No Infrastructure	Unlimited w/ Mesh Failover**	Fixed
Setup Procedure	Charge Batteries, Fill Tanks, Power On Each Target, Verify Connectivity	Charge Batteries, Fill Tanks, Power On Each 2-10 min. / Target	One-click Startup
Startup Time	2-10 min. / Target		One-click 1-2 min. Total

* Wireless range and coverage are determined by customer requirements.

** Mesh Failover - AutoTargets actuators will fall back to their onboard Zero-Infrastructure mesh when range network is unavailable. Allows full portable use of equipment.

*** Line of Sight - AutoTargets actuators (specifically their antennas) must have unobstructed view to one another to communicate reliably at distance. When placing units, it's important to consider topography and obstructions when positioning targets. Range WiFi