	SHIELD 12 RADAR SPEED SIGN	SHIELD 15 RADAR SPEED SIGN	SHIELD 12 & SHIELD 15 B UNITS	SPEEDALERT 18 RADAR MESSAGE DISPLAY
PRIMARY USES	Traffic calming, resolving complaints, driver speed awareness, speed studies, school zones, stealth data capture.	Traffic calming, resolving complaints, driver speed awareness, speed studies, school zones, stealth data capture.	Traffic calming, speed awareness.	Traffic calming, resolving complaints, speed studies, school zones, stealth data capture. DUI checkpoints, events, parking direction, accidents, road closures, traffic updates. Full messaging capabilities. *(see InstAlert Primary Uses below)*
WEIGHT	12 lbs incl battery	18 lbs incl battery	*see respective unit above*	29 lbs without battery
DIMENSIONS	13.5" H x 15.5" W x 2.6" D	17" H x 24" W x 2.6"	–	30" x 20" x 2.74"
DIGIT SIZE	12" (2 metric digits)	15" (2 metric digits)	15" (2 metric digits)	18" Full Matrix
#CHARACTERS	–	–	–	1–2 line messages 1 line: 10 1/4" H x 5.75" W characters, four per line 2 lines: 7" H x 4" W characters, six per line
#SCREENS	1	1	1	Up to 6 screens per message
BATTERY LIFE	Rechargeable batteries: 7–10 days *Estimate based on 3000 vehicles/day @35 mph	Same as above	Same as above	Rechargeable batteries 2 x 16Ah LFP: 5–7 days, assuming 3000 cars/day @35 mph
POWER OPTIONS	• Rechargeable batteries, • AC • Solar power	• Rechargeable batteries • AC • Solar power • Trailer mounted		• Rechargeable batteries • AC • Solar power • Trailer mounted
MOUNTING OPTIONS	• Trailer mounted • Portable post • Pole • Trailer • Hitch	• Portable post • Pole • Trailer • Hitch		• Portable post • Pole • Trailer • Hitch
POPULAR OPTIONS	TraffiCloud® includes: • Automatic data upload • Six ready-made reports • Violator strobe • Bluetooth • Camera • Alerts for low battery tamper and high speed • Remote cloud access to sign • Solar panel	TraffiCloud includes: • Automatic data upload • Six ready-made reports • Violator strobe • Bluetooth • Camera • Alerts for low battery tamper and high speed • Remote cloud access to sign • Solar panel	• Solar panel	TraffiCloud includes: • Automatic data upload • Six ready-made reports • Violator strobe • Bluetooth • Camera • Alerts for low battery tamper and high speed • Remote cloud access to sign • Solar panel
WARRANTY	3 years	3 years	3 years	3 years

ALL TRAFFIC SOLUTIONS

	SPEEDALERT 18 RADAR MESSAGE DISPLAY B UNIT		**SPEEDALERT 24 RADAR MESSAGE DISPLAY**	
PRIMARY USES	Traffic calming, speed awareness, speed studies, stealth data capture speed-dependant messaging.		Traffic calming, resolving complaints, speed studies, school zones, stealth data capture. DUI checkpoints, events, parking direction, accidents, road closures, traffic updates. Full messaging capabilities. *(see InstAlert Primary Uses below)*	
WEIGHT	29 lbs without battery		43 lbs without battery	
DIMENSIONS	30" x 20" x 2.74"		Open: 28" x 60" x 1.625" Folded dimensions: 28" x 30" x 3.25"	
DIGIT SIZE	18" Full Matrix		24" Full Matrix	
#CHARACTERS	1–2 line messages 1 line: 10 1/4" H x 5.75" W characters, four per line 2 lines: 7" H x 4" W characters, six per line		1-3 line messages 1 line: 24" H x 12.5" W characters, 4 per line 2 lines: 10 1/4" H x 5.75" W characters, 8 per line 3 lines: 7" H x 4" W characters, 12 per line 2 lines: (1) 7" char, 12/line, (1) 10 1/4" char, 8/line	
#SCREENS	Up to 6 screens per message		Up to 6 screens per message	
BATTERY LIFE	Rechargeable batteries: 7–10 days *Estimate based on 3000 vehicles/day @35 mph		Messaging mode: PC26: About 16 hours (continuous); PC36: About 24 hours (continuous); Radar mode: PC26: About 32 hours (continuous). PC36: About 48 hours (continuous) (3000 cars/day @ 35 mph); ATS 5 with 470Ah batteries - Approx. 3 months in radar mode with solar assist, 3000 cars/day @ 35 mph	
POWER OPTIONS	• Rechargeable batteries • AC	• Solar power • Trailer mounted	• Rechargeable batteries • AC	• Solar power • Trailer mounted
MOUNTING OPTIONS	• Portable post • Pole	• Trailer • Hitch	• Portable post • Pole	• Trailer • Hitch
POPULAR OPTIONS	• Solar panel		**TraffiCloud includes:** • Automatic data upload • Six ready-made reports • Violator strobe • Bluetooth	• Camera • Alerts for low battery tamper and high speed • Remote cloud access to sign • Solar panel
WARRANTY	3 years		3 years	

	INSTALERT 18 VARIABLE MESSAGE SIGN	**INSTALERT 24 FOLDING VARIABLE MESSAGE SIGN**		**ATS 5 TRAILER**
PRIMARY USES	Protect officers, first responders and work crews; emergency alerts, DUI checkpoints, rideshare locations, direct to parking or away from accidents; road conditions, temporary road closures, traffic updates, event management, pedestrian safety, PSAs.	Protect officers, first responders and work crews; emergency alerts, DUI checkpoints, rideshare locations, direct to parking or away from accidents; road conditions, temporary road closures, traffic updates, event management, pedestrian safety, PSAs.		Traffic calming, resolving complaints, speed studies, emergency alerts, DUI checkpoints, event management, direct traffic away from accidents, pedestrian safety PSAs, ALPR capture.
WEIGHT	29 lbs without battery	43 lbs without battery		620 lbs with 235Ah battery capacity and SA 18; 760 lbs with 470Ah battery capacity and IA 24
DIMENSIONS	30" x 20" x 2.74"	Open: 28" x 60" x 1.625" Folded dimensions: 28" x 30" x 3.25"		61.5" L x 62.5" W x 64" H (stowed)
DIGIT SIZE	18" Full Matrix	24" Full Matrix		N/A
#CHARACTERS	1-2 line messages 1 line: 10 1/4" H x 5.75" W characters, four per line 2 lines: 7" H x 4" W characters, six per line	1-3 line messages 1 line: 24" H x 12.5" W characters, 4 per line, 2 lines: 10 1/4" H x 5.75" W characters, 8 per line, 3 lines: 7" H x 4" W characters, 12 per line, 2 lines: (1) 7" char, 12/line, (1) 10 1/4" char, 8/line		N/A
#SCREENS	Up to 6 screens per message	Up to 6 screens per message		N/A
BATTERY LIFE	Rechargeable batteries 2 x 16Ah LFP: 2–4 days, assuming half the LEDs are on continuously and average sun conditions	PC26: About 16 hours (continuous); PC36: About 24 hours (continuous); ATS 5 w/470Ah batteries: 10-14 days, assuming half the LEDs are on continuously and average sun conditions		(see individual signs)
POWER OPTIONS	• Rechargeable batteries • AC	• Solar power	• Rechargeable batteries • AC • Solar power • Trailer mounted	• Portable post • Pole • Trailer • Hitch	• Rechargeable batteries • AC • Solar power
MOUNTING OPTIONS	• Trailer mounted • Trailer • Hitch	• Portable post • Pole	**TraffiCloud includes:** • Automatic data upload • Six ready-made reports	• Violator strobe • Bluetooth • Camera	For use with these products: SA 18, IA 18, SA 24, IA 24
POPULAR OPTIONS	**TraffiCloud includes:** • Automatic data upload • Six ready-made reports • Violator strobe • Bluetooth • Camera	• Alerts for low battery tamper and high speed • Remote cloud access to sign • Solar panel	• Alerts for low battery tamper and high speed • Remote cloud access to sign • Solar panel		• Red and blue violator strobe light bar • Set to flash above user-set spee • Solar panel
WARRANTY	3 years	3 years		1 year; 3 months on batteries

	STATTRAK SPEED AND VOLUME TRAFFIC COUNTER	DRAGONEYE COMPACT LIDAR	DRAGONEYE SPEED LIDAR
PRIMARY USES	Bidirectional vehicle counting, basic classification (S, M, L), stealth speed studies.	Vehicle speed monitoring and enforcement.	Vehicle speed monitoring and enforcement.
WEIGHT	3 lbs	1 lb with batteries	2.5 lbs with batteries
DIMENSIONS	6.73" x 4.76" x 3.15"	7.35" x 5.41" x 2.32"	4.5" x 6.75" x 9.75"
DIGIT SIZE	24" Full Matrix		
#CHARACTERS	N/A		
#SCREENS	N/A		
BATTERY LIFE	Internal LFP (LiFePO4, 66Wh) battery provides operation for up to 10+ days, AC Charger, 2A LFP charger for 3.5 hour recharge time	24-32 hours of operations with two C-cell batteries	Battery 24-32 hours of operations with two C-cell batteries
POWER OPTIONS	• Batteries • AC • Solar power	Battery	Battery
MOUNTING OPTIONS	• Pole • Median	Handheld	Handheld
POPULAR OPTIONS	**TraffiCloud includes:** • Automatic data upload • 8 ready-made reports	TraffiCloud Enforcement Suite™	TraffiCloud Enforcement Suite
WARRANTY	1 year	1 year	1 year