

FEATURES	GRIDSMART PROTECT	GRIDSMART SYSTEM	STREAMS MODULE	VRU DATA MODULE	VRU DATA PLUS MODULE	PERFORMANCE MODULE	PERFORMANCE PLUS MODULE
Available with Protect	--		X	X	X		
Available with GRIDSMART System		--	X	X	X	X	X
BASE FUNCTIONALITY							
# of Vehicle Detection Zones (Per Bell)	8(12) ⁵	64	--	64	64	64	64
# of Pedestrian Wait Zones (Per Bell)	64	64	--	64	64	64	64
# of Pedestrian Crosswalk Zones (Per Bell)	64	64	--	64	64	64	64
Max # of Bell Cameras per Intersection	2	2	--	2	2	2	2
Max # of Stop Bar/Advance Cameras per Intersection	0	4 ⁴	--	4 ⁴	4 ⁴	4 ⁴	4 ⁴
Optional Cellular Connectivity							X
VEHICLE REPORTS							
Volume						X	X
Turning Movement Counts (TMC)						X	X
Vehicle Classification						X	X
Incident						X	X
Seven Day Volume						X	X
Green Occupancy						X	X
Red Occupancy						X	X
Percent Arrivals on Green						X	X
Percent Arrivals on Red						X	X
Speed						X	X
Synchro UTDF Turning Movement Counts						X	X
Raw Export						X	X
VRU REPORTS							
Pedestrian Counts				X	X	X	X
Bicycle Volume				X	X	X	X
Bicycle TMC				X	X	X	X
AUTO REPORTS							
All Reports				X ³	X	X ³	X
SIGNAL PERFORMANCE METRICS							
Departure Pulses							X
STREAMS							
H.264 Live Stream			X		X		X
Stream Recording			X ¹		X ¹		X ¹
ALERTS							
All System Events ²	X	X	X	X	X	X	X
Loss of Visibility				X ³	X	X ³	X
Volume Exceeded						X ³	X
Loss of Green (Flash)				X ³	X	X ³	X
Zone Activated				X ³	X	X ³	X

KEY

¹ The Stream recording is only supported on GRIDSMART High Capacity model, which includes the Streams module with purchase.

² All System Events alert is supported on intersections without the need for a license.

³ Requires use of Customer/Agency network. Use of internal cell modem requires Performance+ or VRU Data+.

GRIDSMART SYSTEM LICENSES

The GRIDSMART Solution use software licenses to enable expanded functionality of the product. The licenses can be purchased with the initial GRIDSMART purchased and applied in the factory, or post order and applied in the field. Each licensable module has its own start date and expiration date.

USING TEMPORARY LICENSES

Because each licensed module has its own start and expiration date, each module can optionally be created for a trial period. This allows you to sample the expanded functionality before committing to purchasing it for one, many or all of your intersections.

Standard trial duration is 30, 60, or 90 days. When a Processor sends a heartbeat to GRIDSMART Cloud for the first time after installation, a 45 day Performance+ trial is automatically enabled for the Processor. If the intersection already has Performance+, no change is made. If licenses other than Performance+ are enabled, the temporary license will take precedence for 45 days.