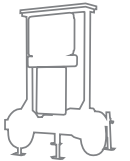
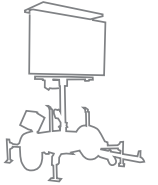


Pole Mounted Graphic Display

PMG Specifications



PMG Specifications, continued

	PMG 12"	PMG 15"	PMG 18"
General			
Width	21.2" (54.0 cm)	25.8" (65.0 cm)	30.3" (77.0 cm)
Height	16.1" (40.9 cm)	19.2" (49.0 cm)	22.1" (56.0 cm)

Depth			
Standard	1.42" (3.6 cm)	1.42" (3.6 cm)	1.42" (3.6 cm)
with Solar or AC Module	2.31" (5.87 mm)	2.31" (5.87 mm)	2.31" (5.87 mm)
with Quad Bay Battery	5.67 (14.4 cm)	5.67 (14.4 cm)	5.67 (14.4 cm)

Weight			
Base - DC	9.3 lbs. (4.22 kg)	13.3 lbs. (6.03 kg)	17.5 lbs. (7.94 kg)
Base - AC	10.4 lbs. (4.72 kg)	14.4 lbs. (6.53 kg)	18.6 lbs. (8.44 kg)
with Quad Bay	24.3 lbs. (11.03 kg) (without batteries)	28.3 lbs. (12.84 kg) (without batteries)	32.5 lbs. (14.75 kg) (without batteries)
Cabinet	Welded Aluminum	Welded Aluminum	Welded Aluminum

Environmental			
Ingress rating range	NEMA 3R Electronics are Conformally Coated	NEMA 3R Electronics are Conformally Coated	NEMA 3R Electronics are Conformally Coated
Operating Temperature	-40° to +122° F (-40° to +50° C)	-40° to +122° F (-40° to +50° C)	-40° to +122° F (-40° to +50° C)
Wind Load	>110 MPH with surround	>134 MPH with surround	>110 MPH with surround

Materials			
Cabinet	Welded Aluminum	Welded Aluminum	Welded Aluminum
Hardware	300 Series Stainless Steel	300 Series Stainless Steel	300 Series Stainless Steel
Window Material	Acrylic	Acrylic	Acrylic
Window Thickness	0.177" (4.5 mm)	0.177" (4.5 mm)	0.177" (4.5 mm)

	PMG 12"	PMG 15"	PMG 18"
Display Dimensions			
Display Height	12" (30.4 cm)	15" (38.1 cm)	18" (45.7cm)
Display Width	18.5" (47.0 cm)	23" (58.4 cm)	27.6" (70.7 cm)
Viewing Area	19.5" x 12.5" (49.53 cm x 31.75 cm)	24.1" x 15.5" (61.22 cm x 39.37 cm)	28.6" x 18.5 (72.64 cm x 46.99 cm)

LED			
Full Matrix Pixels	21 rows / 36 columns	25 rows / 42 columns	31 rows / 48 columns
Pixel Pitch	14 mm	15 mm	14 mm
LED Lamp	Amber, 590 nm White, 6500k	Amber, 590 nm White, 6500k	Amber, 590 nm White, 6500k
LED Viewing Angle	Amber - $\pm 15^\circ$ Horz & vert White - $\pm 60^\circ$ Horz & vert	Amber - $\pm 15^\circ$ Horz & vert White - $\pm 60^\circ$ Horz & vert	Amber - $\pm 15^\circ$ Horz & vert White - $\pm 60^\circ$ Horz & vert
Illumination	Active LED brightness, Manual	Active LED brightness, Manual	Active LED brightness, Manual
Background	Flat Black Opaque	Flat Black Opaque	Flat Black Opaque

Your Speed Digits			
Legibility (1" to 50 ft - MUTCD SPEED LIMIT sign)	600 ft.	750 ft.	900 ft.

Fonts			
Number	4 (2 alpha-numeric, 2 numeric)	4 (2 alpha-numeric, 2 numeric)	4 (2 alpha-numeric, 2 numeric)

PMG Specifications, continued

	PMG 12"	PMG 15"	PMG 18"
Power			
Energy Source	AC, DC, Battery, or Solar (12 VDC or 90-240 VAC @ 50/60 Hz)	AC, DC, Battery, or Solar (12 VDC or 90-240 VAC @ 50/60 Hz)	AC, DC, Battery, or Solar (12 VDC or 90-240 VAC @ 50/60 Hz)
Autonomy	configuration dependent, indefinite with solar	configuration dependent, indefinite with solar	configuration dependent, indefinite with solar

Battery Options			
	PMG 12"	PMG 15"	PMG 18"
Quad Bay			
Enclosure Weight / Material	15 lbs	15 lbs	15 lbs
Number of Batteries	Up to Four (4)	Up to Four (4)	Up to Four (4)
Battery Type	SLA - AGM	SLA - AGM	SLA - AGM
Battery Weight (typical)	13 - 15 lbs per battery	13 - 15 lbs per battery	13 - 15 lbs per battery

Battery Box, Large			
Enclosure Material	Aluminum	Aluminum	Aluminum
Number of Batteries	One (1)	One (1)	One (1)
Weight	10.25 lbs.	10.25 lbs.	10.25 lbs.
Battery Type	Group 27 / 24, Marine Type	Group 27 / 24, Marine Type	Group 27 / 24, Marine Type
Battery Weight (typical)	50 - 65 lbs	50 - 65 lbs	50 - 65 lbs

Battery Box, Small			
Number of Batteries	One (1)	NA	NA
Weight	~4 lbs	NA	NA
Battery Type	SLA - AGM	NA	NA
Battery Weight (typical)	13 - 15 lbs	NA	NA

Solar Panels			
	50 Watt or 100 Watt	50 Watt or 100 Watt	100 Watt

	PMG 12"	PMG 15"	PMG 18"
Signs			

Small

Mount Type	Top or Bottom	Top or Bottom	Top or Bottom
Dimensions	27" x 6"	27" x 6"	27" x 6"
Thickness	12 Gauge 5052-H38 AL 0.081"	12 Gauge 5052-H38 AL 0.081"	12 Gauge 5052-H38 AL 0.081"
Weight	3 lbs	3 lbs	3 lbs
Legend	YOUR SPEED (En/Es)	YOUR SPEED (En/Es)	YOUR SPEED (En/Es)
Font	4" Letters - FHWA Font 1B	4" Letters - FHWA Font 1B	4" Letters - FHWA Font 1B
Colors	Black on White, Black on Yellow	Black on White, Black on Yellow	Black on White, Black on Yellow
Retroreflective	ASTM D4956 Type III, IV : 3M High Prismatic 3930	ASTM D4956 Type III, IV : 3M High Prismatic 3930	ASTM D4956 Type III, IV : 3M High Prismatic 3930

Large

Mount Type	Full Surround	Full Surround	Full Surround
Dimensions	24" x 30"	30" x 36"	36" x 48"
Weight	~4.5 lbs	~6.5 lbs	~10.6 lbs
Legend	YOUR SPEED (En/Es), SPEED LIMIT (En/Es)	YOUR SPEED (En/Es), SPEED LIMIT (En/Es)	YOUR SPEED (En/Es), SPEED LIMIT (En/Es)
Colors	[YOUR SPEED] Black on Yellow, Black on White. [SPEED LIMIT] Black on White	[YOUR SPEED] Black on Yellow, Black on White. [SPEED LIMIT] Black on White	[YOUR SPEED] Black on Yellow, Black on White. [SPEED LIMIT] Black on White
Retroreflective	ASTM D4956 Type III, IV : 3M High Prismatic 3930	ASTM D4956 Type III, IV : 3M High Prismatic 3930	ASTM D4956 Type III, IV : 3M High Prismatic 3930

PMG Specifications, continued

	PMG 12"	PMG 15"	PMG 18"
Controller			
Console Type	external control, Key Fob [optional]	external control, Key Fob [optional]	external control, Key Fob [optional]
MUTCD Compliant	Yes	Yes	Yes
NTCIP Control	Optional	Optional	Optional
Connection method	USB - Standard, Optional: Short Range Wireless, 4G, Wi-Fi, Ethernet	USB - Standard, Optional: Short Range Wireless, 4G, Wi-Fi, Ethernet	USB - Standard, Optional: Short Range Wireless, 4G, Wi-Fi, Ethernet
Control SW	PC app - standard, Optional: android, iOS, Street Dynamics Web Portal	PC app - standard, Optional: android, iOS, Street Dynamics Web Portal	PC app - standard, Optional: android, iOS, Street Dynamics Web Portal
Position	GPS [optional], Magnetometer [optional]	GPS [optional], Magnetometer [optional]	GPS [optional], Magnetometer [optional]
Preset Messages	Text - at least 52 Graphic - at least 41"	Text - at least 52 Graphic - at least 46"	Text - at least 54 Graphic - at least 54"
Custom Messages	User Defined Text / Graphics / Animations / Multi-Phase Messages	User Defined Text / Graphics / Animations / Multi-Phase Messages	User Defined Text / Graphics / Animations / Multi-Phase Messages
Statistics Storage	On-device storage - Up to 40 million vehicles, Cloud - virtually unlimited [optional]	On-device storage - Up to 40 million vehicles, Cloud - virtually unlimited [optional]	On-device storage - Up to 40 million vehicles, Cloud - virtually unlimited [optional]
Stats Upload method	USB - standard, Optional: 4G, Wi-Fi, Ethernet	USB - standard, Optional: 4G, Wi-Fi, Ethernet	USB - standard, Optional: 4G, Wi-Fi, Ethernet
Stats Analysis	Stalker Traffic Analyst - standard, Street Dynamics Web Portal [optional]	Stalker Traffic Analyst - standard, Street Dynamics Web Portal [optional]	Stalker Traffic Analyst - standard, Street Dynamics Web Portal [optional]

	PMG 12"	PMG 15"	PMG 18"
Radar			
Radar	Stalker Traffic Statistics Sensor - K-Band	Stalker Traffic Statistics Sensor - K-Band	Stalker Traffic Statistics Sensor - K-Band
Frequency	24.125 GHz, ± 100 MHz	24.125 GHz, ± 100 MHz	24.125 GHz, ± 100 MHz
FCC	Part 15 Class A - Subpart B	Part 15 Class A - Subpart B	Part 15 Class A - Subpart B
Output Power	10 mW	10 mW	10 mW
Radar beam width	33° x 33°	33° x 33°	33° x 33°
Detection distance	900' typical (275 m)	900' typical (275 m)	900' typical (275 m)
Directionality	Approaching + Receding (singular display, dual logged)	Approaching + Receding (singular display, dual logged)	Approaching + Receding (singular display, dual logged)
Target Tracking, Simultaneous	10 targets	10 targets	10 targets
Classifications	5	5	5
Detected Speeds	Normal: 5-200 MPH, +/- 1 MPH Optional Low: <3-70 MPH, +/- 1 MPH	Normal: 5-200 MPH, +/- 1 MPH Optional Low: <3-70 MPH, +/- 1 MPH	Normal: 5-200 MPH, +/- 1 MPH Optional Low: <3-70 MPH, +/- 1 MPH

Compliance			
MUTCD	Yes	Yes	Yes
Buy American Act (FHWA eligible)	Yes	Yes	Yes
ISO9001:2015 Certified	Yes	Yes	Yes
RoHS	Yes	Yes	Yes

Warranty			
Standard Warranty	2 years + 1 optional	2 years + 1 optional	2 years + 1 optional
Battery Warranty	1 Year	1 Year	1 Year

Options	
Bezel	White, Black (optional)
Strobes	Optional : (4) White or (4) Amber or Combined (2) Red & (2) Blue
Camera	Optional: Simulated Flash
4G Package	Contains: 4G, GPS, Magnetometer, Web Portal
Mounts	Pole Mount - Standard Vesa Mount - Optional Hitch Mount - Optional
Input / Output Signals	Optional
Flood / Water Level Detector	Optional
Slow Speed Detector	Optional



Pole Mount



VESA Mount



Hitch Mount



Flood / Water Level Detector

StreetDynamics.com

1-800-782-5537

Specifications are subject to change without notice.

**STALKER
STREET DYNAMICS**

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