



## PMG | Pole Mounted Graphic Display

# A Full-Function, Dot Matrix, Module-Driven, Communications Center

The Pole Mounted Graphic display (PMG) is a modular text and moving graphics display system that is portable, expandable, and upgradable by incorporating the ability to install new and powerful modules as they become available.

- Traffic statistics capture
- AC, DC, and solar/battery power options
- 12" digit height
- Configuration through PC application, iOS and Android App
  - Create custom messages and animation
  - Set and run schedules
  - Oversee solar/battery status
  - Manage radar options and traffic data

### Modules make it powerful

- 30W to 100W Solar power with battery module
- Simulated camera flash module
- Battery backup module



Shown with optional YOUR SPEED aluminum MUTCD compliant bezel, solar panel, and battery system



Traffic alert strobes



Programmable messaging



Optional folding feet and handle



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## Power options to fit your needs

The PMG has two power module ports that allow the PMG to be configured to operate from various power options. The PMG can be powered by any single or combination of two of these four methods depending on ordering options.

- Direct vehicle power (12V)
- External AC
- Internal AC
- Solar Panel

## Gather valuable traffic statistics

The PMG will collect traffic statistics at the same time it is performing its messaging operation. The PMG has enough internal storage memory (up to 64 gig) to collect and retain this data for months in heavy traffic.



## Local Configuration and Data Access

Standard Configuration

- USB connection
- Powerful software application



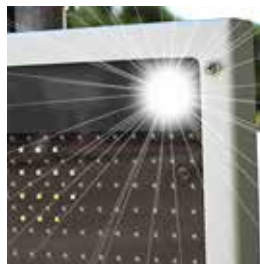
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Optional Features

- Wireless remote (key fob)
- Wireless communication to PC, iOS and Android

## Simulated Camera flash

An all white "flash" slows traffic as motorists believe they have been photographed.



## Display

Led count	756
LED organization	21 rows by 36 columns
Display color	Amber, 590 nm
Maximum intensity (typical)	4000 mcd
Intensity controls	Fixed-set by user programmable config. Auto – controlled by ambient light sensor Combo – semi fixed with ALS night control
Light dispersion	±15 degrees Horizontal ±15 degrees Vertical
Display height	12.125 inches (308 mm)
Display width	19.375 inches (492 mm)

## Power Consumption (base unit)

Idle (no display)	1.5 Watts
Display 88, 10% brightness	4.5 Watts
Display 88, 100% brightness	14 Watts
Typical power, 100% brightness	15 Watts
Operating voltages	12 VDC or 90-240 VAC, 50/60 Hz
'Slow Down' text, 100% brightness	8.5 Watts
'Slow Down' text, 10% brightness	4 Watts

## Radar Characteristics

Frequency	24.125 MHz ±100 MHz
Output power	10 mW
Directional	Both approaching and receding
Typical range	800 feet
Beam width	32 degrees horizontal 30 degrees vertical
Statistical Tracking capability	10 vehicles simultaneously

## Physical Characteristics (12" Base Model)

Case height	16.1 in. (409 mm)
Case width	21.2 in. (539 mm)
Depth, base unit excluding bracket	1.2 in. (31 mm)
Depth, with power module installed	2.1 in. (54 mm)
Mounting Bracket depth (base unit)	1.75 in. (44 mm)
Weight, excluding mounting bracket	9.3 lbs. (4.22 kg)
Bezel Color	Clear
Bezel material	4.5 mm Polymethyl methacrylate
Case Color	White
Case material	2.3 mm welded aluminum, powder coat finish

## Environmental Characteristics

Operating Temperature range	-22°F to +122°F (-30°C to +50°C)
Ingress rating	IP65 Waterproof

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applied concepts, inc.

855 East Collins Boulevard ■ Richardson, Texas 75081  
972.398.3780 ■ Fax 972.398.3781



006-0018-00 Rev A