



# DFB 2.0 Series

*Next-Generation  
Driver Feedback  
Technology*



▶▶▶ **Thinner Design &  
MUTCD Compliant**



# DFB 2.0 Series

## *Next-Generation Driver* Feedback Technology

TraffiCalm has engineered a new radar speed display for modern MUTCD roadway standards, reduced power demand, and seamless integration into the Pelco Solutions platform.



# TraffiCalm DFB 2.0

## »»» 8" Series

PN: M75-D2430-000X

### WHAT'S NEW

#### Engineered from the ground up for modern roadway deployments.

- Next-generation low-profile design — thinner and lighter for easier installation and reduced wind loading
- Reduced power consumption compared to previous iQ Series platforms
- Optimized for solar installations to support autonomous roadside operation
- Engineered to standard highway sign formats for consistent MUTCD-based installations
- Retains proven features including Stealth Mode, traffic data collection, and real-time speed feedback

### SMART & CONNECTED

#### One platform. One workflow. No retraining required.

- TC Speed Connect™ (Web)
- Full programming and configuration using the same interface as the iQ Series — agencies only need one software platform.
- Integrated Traffic Data Collection
- Continuous speed monitoring supports engineering studies, compliance reporting, and long-term analysis.

### COMPLIANCE & STANDARDS

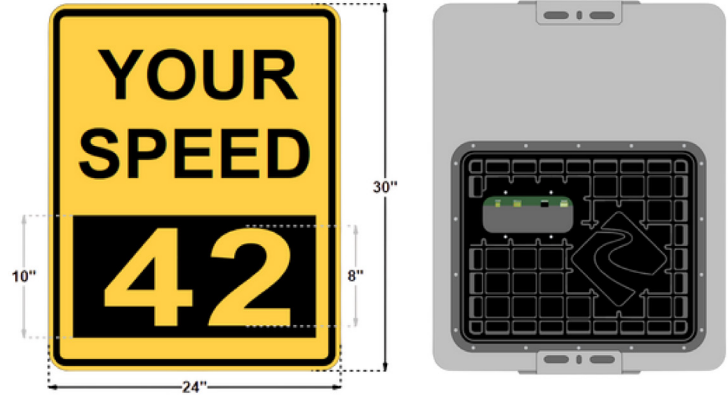
#### Built for regulatory confidence.

- Fully MUTCD Compliant for Driver Feedback Sign applications
- Designed to standard highway sign dimensions and formats in accordance with MUTCD guidance
- FCC Part 15 Compliant
- Build America, Buy America Compliant
- ISO 9001 Certified Manufacturing
- Informational device — not an enforcement system

### PROVEN SAFETY FEATURES

#### More than a display. A behavior-change system.

- Stealth Mode — Collects speed data with the display off
- Traffic Data Logging — Supports before-and-after studies and ongoing reporting
- Dynamic Feedback — Real-time driver speed display encourages voluntary compliance
- Static Speed Mode — Displays posted speed when required



### MODELS & SIGN DIMENSIONS

- W13-20 — Vehicle Speed Feedback (Full-Size)

#### Model Numbers:

- M75-D2430-0002: Fluorescent Yellow-Green
- M75-D2430-0004: Yellow

### POWER REQUIREMENTS

#### Operating Voltage

- 12VDC continuous power required

#### Power System Types

- Solar-powered systems (panel + battery + charge control)
- Externally AC powered systems (AC-DC converter)
- Solar/AC Sold separately\*

### OPERATING MODES & ESTIMATED DAILY ENERGY USE

#### Mode Definitions

- Standby: display off, radar off
- Stealth: display off, radar on (data logging)
- Radar w/ Feedback: displays driver speed, radar on (data logging)

#### 8" Series Power Consumption (Estimated Daily Usage)

MODEL	STANDBY (OFF)	STEALTH	RADAR W/FEEDBACK (EQUINOX)	RADAR W/FEEDBACK (WINTER SOLSTICE)
M75-D3036-000X	8.1 WH	27.1 WH	81 WH	69.8 WH

Equinox: Based on 12-hr daylight, 50% traffic load

Winter Solstice: Based on 8-hr daylight, 50% traffic load

### RADAR SENSOR

- Doppler Radar
- K-Band (24.15 GHz) License-free (FCC part 15 compliant)
- Max radar detection range up to 1000 ft. (304M) depending upon vehicle size, speed of approach, and configuration

## CONSTRUCTION

- Sign: Aluminum 5052-H32 0.125" - Not painted
- Enclosure : 1/8" ABS - Black
- 8" character height | 30 in sign height | 24 in sign width
- Front face sheeting: 3M™ Diamond Grade™ high visibility prismatic retro-reflective sheeting
- NEMA 3R

## DISPLAY

- Full Matrix Electronic Light Emitting Diode (LED) Display
- Speed display features 8" high electronic numbers. Will display MPH or KPH, Minimum 1 MPH (1.6 KPH) in 1 MPH/1.6 KPH increments, Maximum 99 MPH/159.3 KPH
- LEDs: Amber in color, 100,000-hour life, 30° viewing angle, AllnGaP technology YOUR SPEED Legend: FHWA "Highway Gothic 4.00" E

## MOUNTING & MECHANICAL

### Standard Mounting Hardware (Included with sign hardware set)

- Aluminum mounting bracket built into sign
- Flared Leg Brackets (Qty: 2)
- SS Bolts, Nuts, Washers, and Lock Washers for 2.5-3.5" PSST

Mounting hardware for poles such as U-bolts and/or banding is not provided. Follow local agency requirements for securing.

## SOFTWARE & CONNECTIVITY

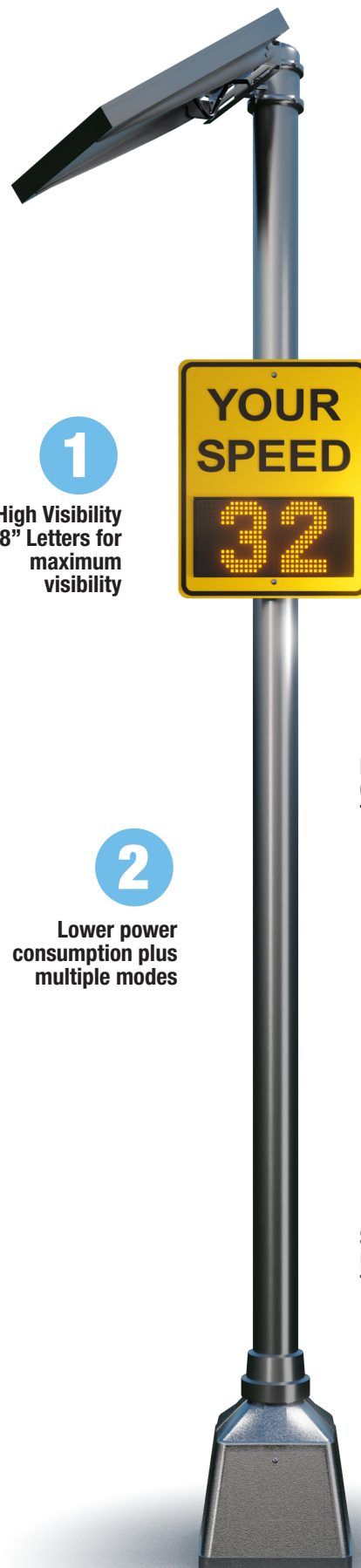
- RS-232 and Bluetooth Class 1 or 2 adaptors (capabilities; V1.0, V1.2, V2.0, V2.1, + Enhanced Data Rate, EDR)
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- System Health Data: battery voltage, internal temperature, ambient light lux, display function status
- Speed Data: date stamp, time stamp, vehicle count, minimum speed, maximum speed, 10 speed bins, average speed, 25th percentile speed, 50th percentile speed, 85th percentile speed
- Schedule can be programmed up to 1 year in advance
- License Free, Local configuration, scheduling and data reports

## OPTIONAL COMPONENTS

- External flashing devices
- Supplemental mounting hardware
- External radar speed detection module (M75-SA300-RDR0)

## WARRANTY

- Warranty: 3-year limited (battery: 1-year)
- Support: Unlimited U.S.-based factory technical support



**1**  
High Visibility  
8" Letters for  
maximum  
visibility

**2**  
Lower power  
consumption plus  
multiple modes

**3**  
Full MUTCD  
Compliance &  
Thinner Design

**4**  
Seamless  
Integration into  
TraffiCalm Platform

# TraffiCalm DFB 2.0

## »»» 10" Series

PN: M75-D3036-000X



### WHAT'S NEW

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- Next-generation low-profile design — thinner and lighter for easier installation and reduced wind loading
- Reduced power consumption compared to previous iQ Series platforms
- Optimized for solar installations to support autonomous roadside operation
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### COMPLIANCE & STANDARDS

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- Fully MUTCD Compliant for Driver Feedback Sign applications
- Designed to standard highway sign dimensions and formats in accordance with MUTCD guidance
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- ISO 9001 Certified Manufacturing
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### PROVEN SAFETY FEATURES

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- Traffic Data Logging — Supports before-and-after studies and ongoing reporting
- Dynamic Feedback — Real-time driver speed display encourages voluntary compliance
- Static Speed Mode — Displays posted speed when required

### MODELS & SIGN DIMENSIONS

- W13-20 — Vehicle Speed Feedback (Full-Size)

#### Model Numbers:

- M75-D3036-0002: Fluorescent Yellow-Green
- M75-D3036-0004: Yellow

### POWER REQUIREMENTS

#### Operating Voltage

- 12VDC continuous power required

#### Power System Types

- Solar-powered systems (panel + battery + charge control)
- Externally AC powered systems (AC-DC converter)
- Solar/AC Sold separately\*

### OPERATING MODES & ESTIMATED DAILY ENERGY USE

#### Mode Definitions

- Standby: display off, radar off
- Stealth: display off, radar on (data logging)
- Radar w/ Feedback: displays driver speed, radar on (data logging)

#### 10" Series Power Consumption (Estimated Daily Usage)

MODEL	STANDBY (OFF)	STEALTH	RADAR W/FEEDBACK (EQUINOX)	RADAR W/FEEDBACK (WINTER SOLSTICE)
M75-D3024-000X	8.1 WH	27.1 WH	104.8 WH	83.4 WH

Equinox: Based on 12-hr daylight, 50% traffic load

Winter Solstice: Based on 8-hr daylight, 50% traffic load

### RADAR SENSOR

- Doppler Radar
- K-Band (24.15 GHz) License-free (FCC part 15 compliant)
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## CONSTRUCTION

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- LEDs: Amber in color, 100,000-hour life, 30° viewing angle, AllnGaP technology YOUR SPEED Legend: FHWA "Highway Gothic 5.00" E

## MOUNTING & MECHANICAL

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- SS Bolts, Nuts, Washers, and Lock Washers for 2.5-3.5" PSST

Mounting hardware for poles such as U-bolts and/or banding is not provided. Follow local agency requirements for securing.

## SOFTWARE & CONNECTIVITY

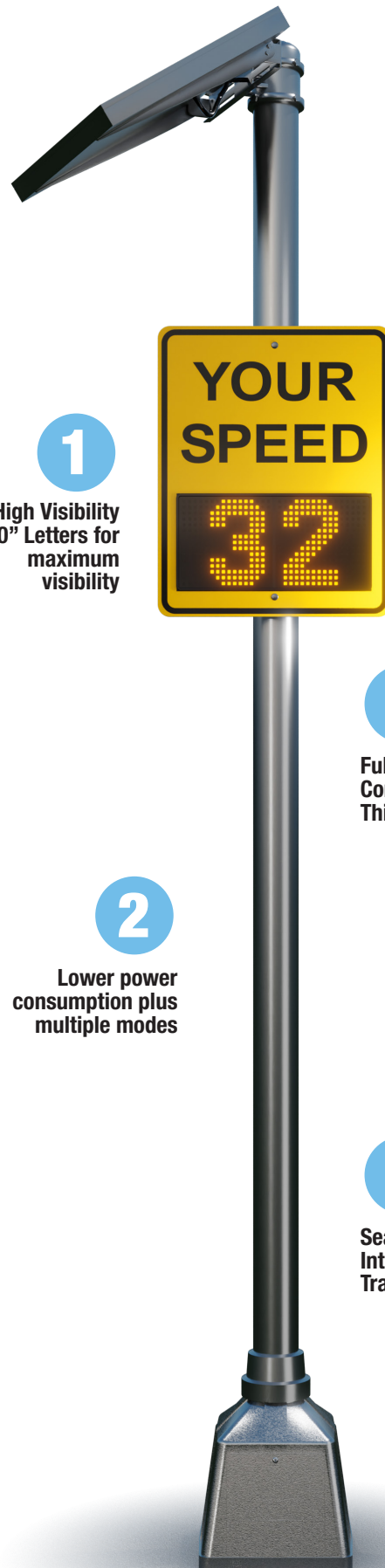
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- Schedule can be programmed up to 1 year in advance
- License Free, Local configuration, scheduling and data reports

## OPTIONAL COMPONENTS

- External flashing devices
- Supplemental mounting hardware
- External radar speed detection module (M75-SA300-RDR0)

## WARRANTY

- Warranty: 3-year limited (battery: 1-year)
- Support: Unlimited U.S.-based factory technical support



1

High Visibility  
10" Letters for  
maximum  
visibility

2

Lower power  
consumption plus  
multiple modes

3

Full MUTCD  
Compliance &  
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4

Seamless  
Integration into  
TraffiCalm Platform

# TraffiCalm DFB 2.0

## »»» 12" Series

PN: M75-D3648-000X

### WHAT'S NEW

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### COMPLIANCE & STANDARDS

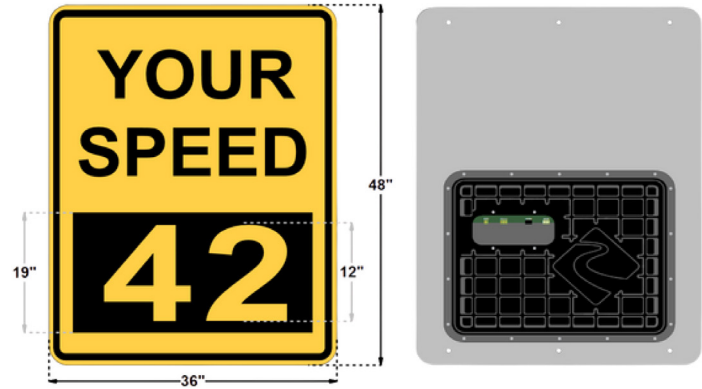
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- Static Speed Mode — Displays posted speed when required



### MODELS & SIGN DIMENSIONS

- W13-20 — Vehicle Speed Feedback (Full-Size)

#### Model Numbers:

- M75-D3648-0002: Fluorescent Yellow-Green
- M75-D3648-0004: Yellow

### POWER REQUIREMENTS

#### Operating Voltage

- 12VDC continuous power required

#### Power System Types

- Solar-powered systems (panel + battery + charge control)
- Externally AC powered systems (AC-DC converter)
- Solar/AC Sold separately\*

### OPERATING MODES & ESTIMATED DAILY ENERGY USE

#### Mode Definitions

- Standby: display off, radar off
- Stealth: display off, radar on (data logging)
- Radar w/ Feedback: displays driver speed, radar on (data logging)

#### 12" Series Power Consumption (Estimated Daily Usage)

MODEL	STANDBY (OFF)	STEALTH	RADAR W/FEEDBACK (EQUINOX)	RADAR W/FEEDBACK (WINTER SOLSTICE)
M75-D3648-000X	8.1 WH	27.1 WH	128.8 WH	99.4 WH

Equinox: Based on 12-hr daylight, 50% traffic load

Winter Solstice: Based on 8-hr daylight, 50% traffic load

### RADAR SENSOR

- Doppler Radar
- K-Band (24.15 GHz) License-free (FCC part 15 compliant)
- Max radar detection range up to 1000 ft. (304M) depending upon vehicle size, speed of approach, and configuration



## CONSTRUCTION

- Sign: Aluminum 5052-H32 0.125" - Not painted
- Enclosure : 1/8" ABS - Black
- 12" character height | 48 in sign height | 36 in sign width
- Front face sheeting: 3M™ Diamond Grade™ high visibility prismatic retroreflective sheeting
- NEMA 3R

## DISPLAY

- Full Matrix Electronic Light Emitting Diode (LED) Display
- Speed display features 8" high electronic numbers. Will display MPH or KPH, Minimum 1 MPH (1.6 KPH) in 1 MPH/1.6 KPH increments, Maximum 99 MPH/159.3 KPH
- LEDs: Amber in color, 100,000-hour life, 30° viewing angle, AlInGaP technology YOUR SPEED Legend: FHWA "Highway Gothic 7D"

## MOUNTING & MECHANICAL

### Standard Mounting Hardware (Included with sign hardware set)

- Aluminum mounting bracket built into sign
- Flared Leg Brackets (Qty: 2)
- SS Bolts, Nuts, Washers, and Lock Washers for 2.5-3.5" PSST

Mounting hardware for poles such as U-bolts and/or banding is not provided. Follow local agency requirements for securing.

### Optional Z-Bar Mounting Kit (Recommended)

*Reduces the chance for winds to move or bend the sign on the post(s)*

MODEL	BAR LENGTH	# OF BARS
015-03407-0000	32"	2

## SOFTWARE & CONNECTIVITY

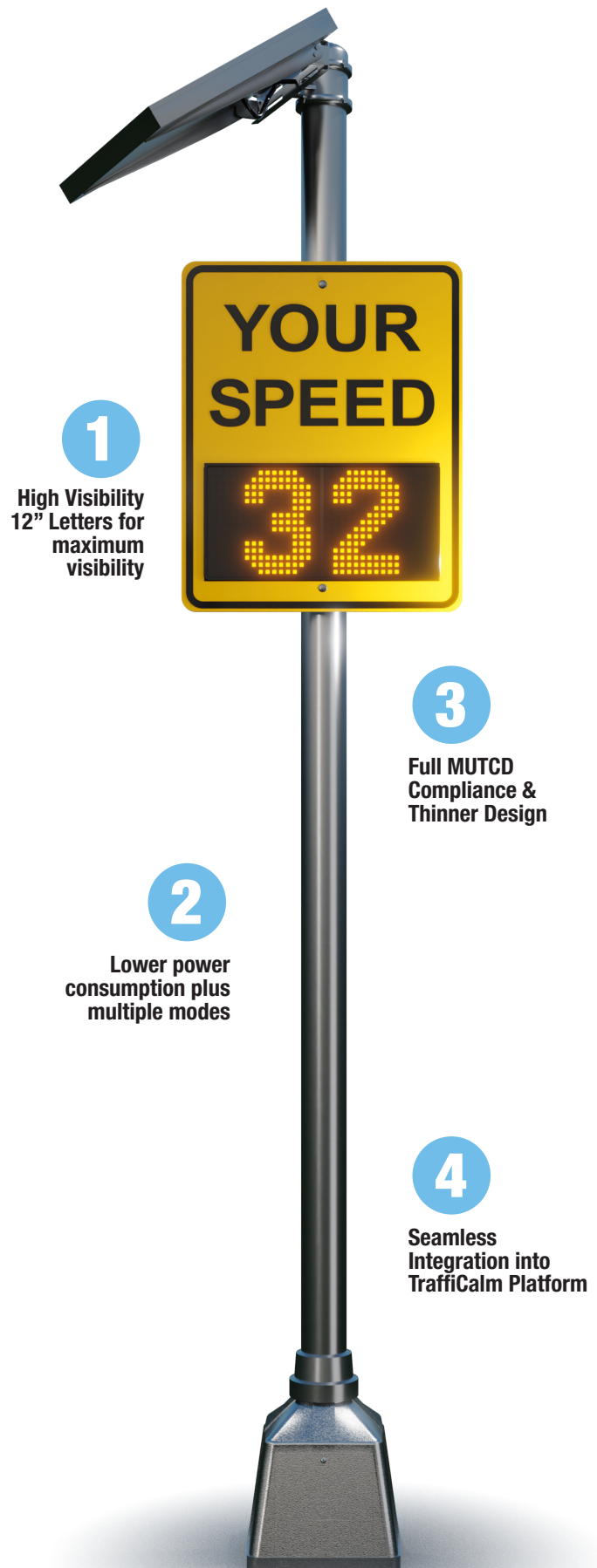
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- Schedule can be programmed up to 1 year in advance
- License Free, Local configuration, scheduling and data reports

## OPTIONAL COMPONENTS

- External flashing devices
- Supplemental mounting hardware
- External radar speed detection module (M75-SA300-RDR0)

## WARRANTY

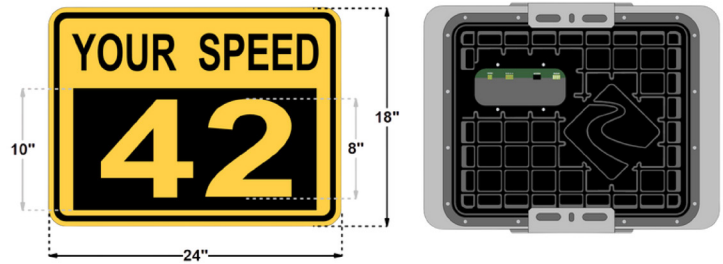
- Warranty: 3-year limited (battery: 1-year)
- Support: Unlimited U.S.-based factory technical support



# TraffiCalm DFB 2.0

## »» 8" P Series

PN: M75-D2418-000X



## WHAT'S NEW

### Engineered from the ground up for modern roadway deployments.

- Next-generation low-profile design — thinner and lighter for easier installation and reduced wind loading
- Reduced power consumption compared to previous iQ Series platforms
- Optimized for solar installations to support autonomous roadside operation
- Engineered to standard highway sign formats for consistent MUTCD-based installations
- Retains proven features including Stealth Mode, traffic data collection, and real-time speed feedback

## SMART & CONNECTED

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- Continuous speed monitoring supports engineering studies, compliance reporting, and long-term analysis.

## COMPLIANCE & STANDARDS

### Built for regulatory confidence.

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- Designed to standard highway sign dimensions and formats in accordance with MUTCD guidance
- FCC Part 15 Compliant
- Build America, Buy America Compliant
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## PROVEN SAFETY FEATURES

### More than a display. A behavior-change system.

- Stealth Mode — Collects speed data with the display off
- Traffic Data Logging — Supports before-and-after studies and ongoing reporting
- Dynamic Feedback — Real-time driver speed display encourages voluntary compliance
- Static Speed Mode — Displays posted speed when required

## MODELS & SIGN DIMENSIONS

- W13-20aP — Vehicle Speed Feedback (Full-Size)

### Model Numbers:

- M75-D2418-0002: Fluorescent Yellow-Green
- M75-D2418-0004: Yellow

## POWER REQUIREMENTS

### Operating Voltage

- 12VDC continuous power required

### Power System Types

- Solar-powered systems (panel + battery + charge control)
- Externally AC powered systems (AC-DC converter)
- Solar/AC Sold separately\*

## OPERATING MODES & ESTIMATED DAILY ENERGY USE

### Mode Definitions

- Standby: display off, radar off
- Stealth: display off, radar on (data logging)
- Radar w/ Feedback: displays driver speed, radar on (data logging)

### 8" P Series Power Consumption (Estimated Daily Usage)

MODEL	STANDBY (OFF)	STEALTH	RADAR W/FEEDBACK (EQUINOX)	RADAR W/FEEDBACK (WINTER SOLSTICE)
M75-D3036-000X	8.1 WH	27.1 WH	81 WH	69.8 WH

Equinox: Based on 12-hr daylight, 50% traffic load

Winter Solstice: Based on 8-hr daylight, 50% traffic load

## RADAR SENSOR

- Doppler Radar
- K-Band (24.15 GHz) License-free (FCC part 15 compliant)
- Max radar detection range up to 1000 ft. (304M) depending upon vehicle size, speed of approach, and configuration

## CONSTRUCTION

- Sign: Aluminum 5052-H32 0.125" - Not painted
- Enclosure : 1/8" ABS - Black
- 8" character height | 18 in sign height | 24 in sign width
- Front face sheeting: 3M™ Diamond Grade™ high visibility prismatic retroreflective sheeting
- NEMA 3R

## DISPLAY

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## MOUNTING & MECHANICAL

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- Schedule can be programmed up to 1 year in advance
- License Free, Local configuration, scheduling and data reports

## OPTIONAL COMPONENTS

- External flashing devices
- Supplemental mounting hardware
- External radar speed detection module (M75-SA300-RDR0)

## WARRANTY

- Warranty: 3-year limited (battery: 1-year)
- Support: Unlimited U.S.-based factory technical support



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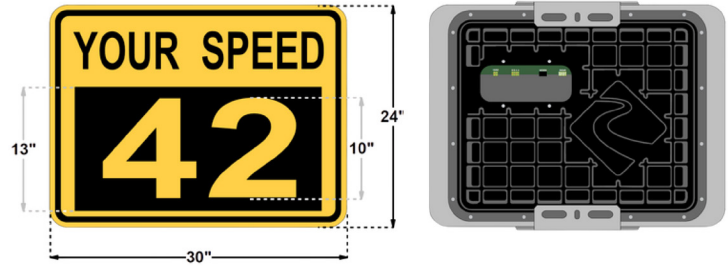
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## 10" P Series

PN: M75-D3024-000X



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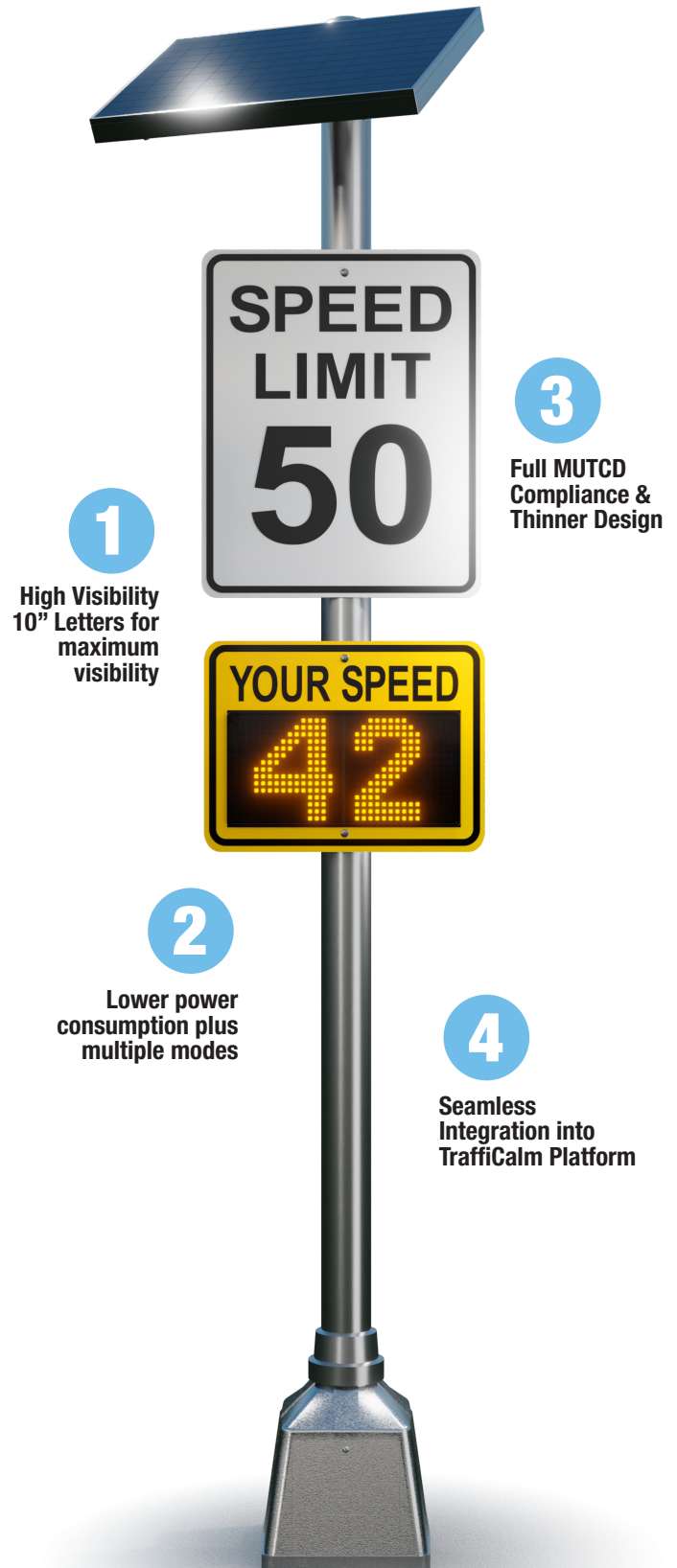
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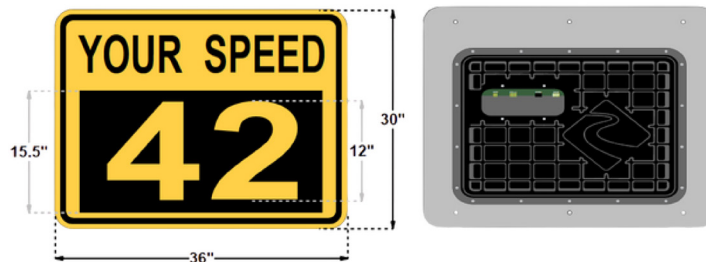
- Warranty: 3-year limited (battery: 1-year)
- Support: Unlimited U.S.-based factory technical support



# TraffiCalm DFB 2.0

## »»» 12" P Series

PN: M75-D3630-000X



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### SMART & CONNECTED

#### One platform. One workflow. No retraining required.

- TC Speed Connect™ (Web)
- Full programming and configuration using the same interface as the iQ Series — agencies only need one software platform.
- Integrated Traffic Data Collection
- Continuous speed monitoring supports engineering studies, compliance reporting, and long-term analysis.

### COMPLIANCE & STANDARDS

#### Built for regulatory confidence.

- Fully MUTCD Compliant for Driver Feedback Sign applications
- Designed to standard highway sign dimensions and formats in accordance with MUTCD guidance
- FCC Part 15 Compliant
- Build America, Buy America Compliant
- ISO 9001 Certified Manufacturing
- Informational device — not an enforcement system

### PROVEN SAFETY FEATURES

#### More than a display. A behavior-change system.

- Stealth Mode — Collects speed data with the display off
- Traffic Data Logging — Supports before-and-after studies and ongoing reporting
- Dynamic Feedback — Real-time driver speed display encourages voluntary compliance
- Static Speed Mode — Displays posted speed when required

### MODELS & SIGN DIMENSIONS

- W13-20 — Vehicle Speed Feedback (Full-Size)

#### Model Numbers:

- M75-D3630-0002: Fluorescent Yellow-Green
- M75-D3630-0004: Yellow

### POWER REQUIREMENTS

#### Operating Voltage

- 12VDC continuous power required

#### Power System Types

- Solar-powered systems (panel + battery + charge control)
- Externally AC powered systems (AC-DC converter)
- Solar/AC Sold separately\*

### OPERATING MODES & ESTIMATED DAILY ENERGY USE

#### Mode Definitions

- Standby: display off, radar off
- Stealth: display off, radar on (data logging)
- Radar w/ Feedback: displays driver speed, radar on (data logging)

#### 12" P Series Power Consumption (Estimated Daily Usage)

MODEL	STANDBY (OFF)	STEALTH	RADAR W/FEEDBACK (EQUINOX)	RADAR W/FEEDBACK (WINTER SOLSTICE)
M75-D3630-000X	8.1 WH	27.1 WH	128.8 WH	99.4 WH

Equinox: Based on 12-hr daylight, 50% traffic load

Winter Solstice: Based on 8-hr daylight, 50% traffic load

### RADAR SENSOR

- Doppler Radar
- K-Band (24.15 GHz) License-free (FCC part 15 compliant)
- Max radar detection range up to 1000 ft. (304M) depending upon vehicle size, speed of approach, and configuration



## CONSTRUCTION

- Sign: Aluminum 5052-H32 0.125" - Not painted
- Enclosure : 1/8" ABS - Black
- 12" character height | 30 in sign height | 36 in sign width
- Front face sheeting: 3M™ Diamond Grade™ high visibility prismatic retroreflective sheeting
- NEMA 3R

## DISPLAY

- Full Matrix Electronic Light Emitting Diode (LED) Display
- Speed display features 12" high electronic numbers. Will display MPH or KPH, Minimum 1 MPH (1.6 KPH) in 1 MPH/1.6 KPH increments, Maximum 99 MPH/159.3 KPH
- LEDs: Amber in color, 100,000-hour life, 30° viewing angle, AllnGaP technology YOUR SPEED Legend: FHWA "Highway Gothic 4.75C"

## MOUNTING & MECHANICAL

### Standard Mounting Hardware (Included with sign hardware set)

- Flared Leg Brackets (Qty: 2)
- Offset Spacer (Qty:4)
- SS Bolts, Nuts, Washers, and Lock Washers for 2.5-3.5" PSST

Mounting hardware for poles such as U-bolts and/or banding is not provided. Follow local agency requirements for securing.

### Optional Z-Bar Mounting Kit (Recommended)

*Reduces the chance for winds to move or bend the sign on the post(s)*

MODEL	BAR LENGTH	# OF BARS
015-03407-0000	32"	2

## SOFTWARE & CONNECTIVITY

- RS-232 and Bluetooth Class 1 or 2 adaptors (capabilities; V1.0, V1.2, V2.0, V2.1, + Enhanced Data Rate, EDR)
- TC Speed Connect™ (Web): Full system programming and configuration using the same interface as iQ Series platforms
- System Health Data: battery voltage, internal temperature, ambient light lux, display function status
- Speed Data: date stamp, time stamp, vehicle count, minimum speed, maximum speed, 10 speed bins, average speed, 25th percentile speed, 50th percentile speed, 85th percentile speed
- Schedule can be programmed up to 1 year in advance
- License Free, Local configuration, scheduling and data reports

## OPTIONAL COMPONENTS

- External flashing devices
- Supplemental mounting hardware
- External radar speed detection module (M75-SA300-RDR0)

## WARRANTY

- Warranty: 3-year limited (battery: 1-year)
- Support: Unlimited U.S.-based factory technical support





»»» To learn more about the DFB 2.0 Series...

Contact your representative: 801.973.2266

Email: [sales@safetysupplyandesign.com](mailto:sales@safetysupplyandesign.com)



PELCO SOLUTIONS  
FAMILY OF BRANDS



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