



# VIPER® EXT EXTERNAL MOUNT/PERIMETER LIGHTS

available in: 



The eight-LED Viper® EXT uses the latest Solaris® reflector and the most effective off-axis lens to deliver the best compact light head that can be installed anywhere inside or outside an emergency vehicle.

### Bright and Effective Warning

As a stand alone light, the Viper EXT can flash any of the 23 built-in warning patterns independently. Synchronize up to a dozen other Viper EXT lights or with any other Federal Signal light head equipped with our advanced 2-phase wire technology. Viper EXT lights are intended to perform as effective secondary warning light signals and can be ordered with either clear or colored lenses.

### Reliable and Versatile Installation

Viper EXT lights are designed to be weather resistant and impervious to extreme temperature or climatic conditions. The eight high-output LEDs are mounted to a conformal coated PC board that is secured to the cast aluminum housing which pulls away the heat generated by LEDs. This assures consistent, long lasting product reliability. The lens rests on a fitted gasket and is secured by screws to the housing preventing outside weather conditions from interfering with the performance of the product. The Viper EXT comes complete with a 12 inch wire harness, mounting gasket, black polycarbonate bezel and associated hardware. There are a variety of vehicle specific brackets currently available for quick and easy installation.



## > Features

- Eight LED lights offered in Amber, Blue, Green, Red, and White.
- High-output Solaris LED reflector technology.
- Wide angle lens for unsurpassed off-axis warning capability.
- Clear or colored lens with black bezel included; chrome bezel is also available.
- Fully encapsulated water resistant housing.
- Large library of warning patterns and configurations.
- Advanced two-phase pattern synchronization technology.
- Wide variety of mounting brackets available.
- Extremely low amperage draw.

## > Approvals

- SAE J595, Class 1
- CCR Title 13
- NFPA 1901 compliant models available



## > How to Order

### SELECT MODEL

#### Clear Lens

**VPX800-**(color) (8) LEDs, clear lens, off-axis

#### Color Lens

**VPX802-** (color) (8) LEDs, clear lens, off-axis

2 = Amber, 3 = Blue, 4 = Red, 5 = White, 6 = Green

Example: IPX302-3 = IMPAXX light, 3 Blue high output LEDs, blue advanced off-axis lens, black bezel and mounting grommet.

### Accessory and Kit

**VPXM-1** Chrome bezel, fits all models

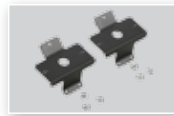
Specifications	
Voltage	12.8 VDC
Current Draw	1.5A
Operating Temp	-30°C to +65°C
Ship Weight	
	1.0 lb (0.45 kg)
Physical Specifications (L x H x W)	
Without Bezel	4.5 in x 1.89 in x 1.5 in (11.4 cm x 4.8 cm x 3.8 cm)
With Bezel	5.7 in x 2.38 in x 1.5 in (14.5 cm x 6.0 cm x 3.8 cm)

Flash Pattern	Description	Flash Pattern	Description
1	Null (off)	14	75 FPM Double
2	79 FPM Power Quad*	15	150 FPM Triple
3	150 FPM Single	16	75 FPM Triple
4	151 FPM Single	17	5 Single @ 680 FPM 4 Single @ 216 FPM
5	74 FPM Single*	18	4 Single @ 570 FPM 3 Single @ 246 FPM
6	75 FPM Single*	19	3 Single @ 460 FPM 2 Quad @ 75 FPM
7	240 FPM Single	20	Progressive (flashes start slow and increase in speed)
8	241 FPM Single	21	4 Single @ 154 FPM 2 Quad @ 75 FPM
9	240 FPM Double	22	Random
10	241 FPM Double	23	3 quick flashes, then stays in Steady Burn
11	150 FPM Double	24	FedPulse 75
12	151 FPM Double	25	Steady Burn
13	74 FPM Double		

\*Conforms to CCR Title 13

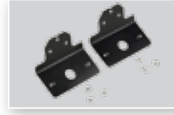
Note: Single, Double, and Quad refer to the number of flashing intervals.

### Viper EXT Brackets (optional)



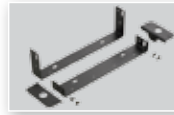
#### IPX-TRNK1

IMPAXX/Viper® EXT, pair of inner trunk lid brackets with hardware, '02-'08 Ford Crown Victoria Police Interceptor package



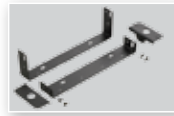
#### IPX-TRNK2

IMPAXX/Viper EXT, pair of inner trunk lid brackets with hardware, '07-'08 Dodge Charger



#### IPX-LPV1

IMPAXX/Viper EXT, flat surface license plate mount, various vehicles without recessed plate mounting locations



#### IPX-LPVX1

IMPAXX/Viper EXT, extended license plate bracket for vehicles with a recessed license plate mount location including but not limited to the '02-'08 Ford Crown Victoria Police Package



#### IPX-LPH1

IMPAXX/Viper EXT, generic high side license plate holder with horizontal mount tab on each side, fits most vehicles



#### IPX-SW1

IMPAXX/Viper EXT, pair of rear side window mount brackets, '02-'08 Ford Crown Victoria Police Package vehicles



#### IPX-PB45H

IMPAXX/Viper EXT, pair of 45-degree slanted push bumper mounts with hardware, horizontal light orientation, fits most push bumpers



#### IPX-PB45V

IMPAXX/Viper EXT, pair of 45-degree slanted push bumper mounts with hardware, vertical light orientation, fits most push bumpers



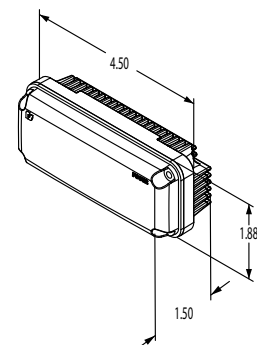
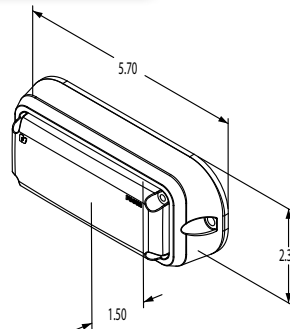
#### IPX-GRL1

IMPAXX/Viper EXT, (1) grille brackets with hardware, vertical mount orientation, Ford Crown Victoria Police Package vehicles, '02-'08



#### IPX-GRL2

IMPAXX/Viper EXT, (1) grille brackets with hardware, horizontal mount orientation, Ford Crown Victoria Police Package vehicles, '02-'08



2645 Federal Signal Drive, University Park, IL 60466-3195  
Tel.: (800) 264-3578 • Fax: (800) 682-8022  
www.fedsig.com

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