



Flashers

HEADLIGHT, GRILLE LIGHT, TAILLIGHT & SYSTEM FLASHERS

Whelen flashers are designed for heavy-duty, long life operation. Whether you require a complete certified ambulance system, Police package interface module, or headlight flashers for your vehicle, Whelen can provide you with the reliable solid-state products you need.

AMBULANCE FLASHERS

Three KKK-F certified ambulance flashers provide input controls for KKK-1822A Mode 1 and Mode 2 operation, Scan-Lock™ multi-flash patterns, and Low Power mode. All outlets are high side driven. All models provide LED service indicators and have a two year warranty.



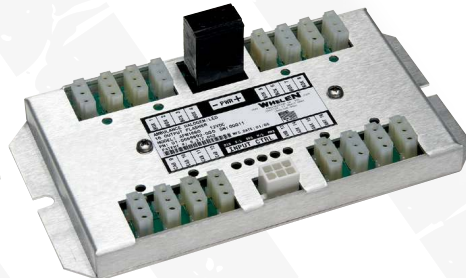
AFL530

- Five outlet LED or Super-LED® ambulance flasher
- One wire design using a quick install 7-position screw terminal block
- Three outlets will drive up to 10 amps each and two outlets will drive five amps each
- Short circuit and thermally protected
- Ground wire may be chassis grounded for ease of installation
- Encapsulated for heavy-duty, water resistant performance
- Four Scan-Lock flash patterns



AFM560

- Five outlet Halogen, LED or Super-LED ambulance flasher
- One wire design using a quick install, high current terminal block
- Three outlets will operate up to four 65 watt lamps (20 amps); two outlets will operate two 65 watt lamps (10 amps)
- Short circuit and thermal protected
- Ground wire may be chassis grounded for ease of installation
- Four Scan-Lock flash patterns
- For interior use only



AFM1660

- Two wire design 16 outlet halogen, LED, or Super-LED ambulance flasher
- Each outlet will operate up to a 65 watt lamp (five amps)
- Short circuit and thermal protected
- For interior use only
- AMP Mate-N-Lok® connectors

UNIVERSAL FLASHERS

UFM8

- Eight outlet solid-state, universal Halogen or LED flasher
- 60 Watts per outlet
- Selective switching system (2x2x2x2) separately controls the operation of each pair
- 17 selectable flash patterns including a Traffic Advisor™ pattern



ULF44

- LED or Super-LED® flasher with synchronization
- 60 Watts per outlet
- Four outlet, four channel flasher with 62 Scan-Lock™ flash patterns allowing for alternating, simultaneous, and synchronized flashing lightheads
- Each channel can drive up to 5 amps (60 watts) and is short circuit and thermally protected



WHELEN ENGINEERING COMPANY, INC.



All products proudly designed, manufactured, and assembled in the U.S.A.

• ISO 9001 Registered QMS

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HEADLIGHT FLASHERS

SSFPOS

- Solid-state
- Two outlet, 160 watts per outlet
- Seven flash patterns
- For positive switching headlights



UHF2150A

- Two outlet, 162 watts per outlet headlight/grille light flasher in a compact molded polycarbonate housing with external mounting flanges
- For use on positive or negative headlight switching
- Solid-state controlled relay output
- Four flash patterns



SSFFP16

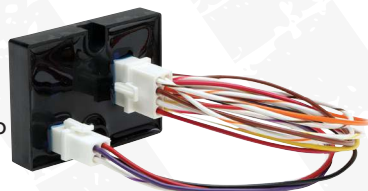
- Eight flash patterns
- Designed for 2016-2018 Ford Interceptor Utility Police Package



POLICE INTERFACE MODULES

PEIMF113

- 2013-2018 Ford Police Interceptor Sedan or Utility
- Steering wheel auxiliary switch
- Converts Ford auxiliary switch signal from ground to positive, 12 volt
- Simplifies installation with Whelen's CenCom Sapphire™ or CanTrol® WC
- Eliminates use of external relays with CenCom® and CanTrol WC



HEADLIGHT & TAILLIGHT FLASHERS

SSFPOS16

- Solid-state reliability
- Two outlet, 160 watts per outlet
- 2007-2018 Chevy Tahoe Police Package
- Scan-Lock™ provides seven flash patterns which can be accessed via a momentary switch
- Includes Weatherpak plug & play connectors for ease of installation
- For positive switching headlights

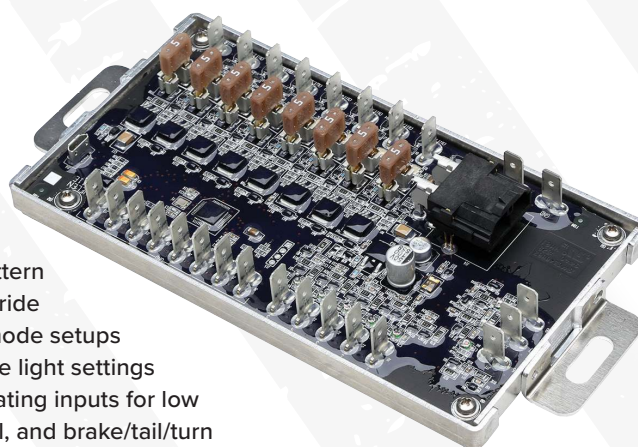


SMARTLOGIC™ PROGRAMMABLE FLASHER

SLFLASH

- Engineered to maintain situational awareness of the operator, the SmartLogic Programmable Flasher houses numerous innovative technologies that deliver highly effective visual warning.
- Software is configurable via USB port
- All eight outputs are internally protected and fused
- Each solid-state output is rated for 5 amps
- Eight inputs
- Five activating inputs

- Default flash pattern
- Low power override
- Day and night mode setups
- Adjustable cruise light settings
- Three non-activating inputs for low power, photocell, and brake/tail/turn cut-off
- LED onboard diagnostic indicators signify active outputs and blown fuses
- Available LCPHOTO photocell



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| MODELS | UHF 2150A | SSFPOS SSFPOS16 SSFFP16 | UFM8 | AFL530 | AFM560 | AFM1660 | ULF44 | PEIMFI13 | SLFLASH |
|----------------------------------|------------|---|---|----------------------------------|---|---|----------------------------------|--|---------------------|
| Warranty | 2 Year | 2 Year | 5 Year | 5 Year | 5 Year | 5 Year | 5 Year | 2 Year | 5 Year |
| Applications | Headlights | Halogen Headlights & Taillights | Halogen, LED or Super-LED® Lighthead | LED or Super-LED Lighthead | Halogen, LED, or Super-LED Lighthead | Halogen, LED, or Super-LED Lighthead | LED or Super-LED Lighthead | Police Equipment Interface Module | Super-LED |
| Construction | - | 100% Solid-state | 100% Solid-state | 100% Solid-state | 100% Solid-state | 100% Solid-state | 100% Solid-state | 100% Solid-state | 100% Solid-state |
| Connection | Bare Wire | SSFPOS: none SSFPOS16: 2007-19 Chevy Tahoe Police Vehicles SSFFP16 2016-19 Ford Police Interceptor Utility | Mate-N-Lok® with Mating Pigtails | 7 Position Terminal Block | 2 Position and 5 Position Terminal Blocks | Mate-N-Lok | Spade Terminals | 2013-2019 Ford Police Interceptor Sedan or Utility | Spade Terminals |
| Number of Outlets | 2 | 2 / 2 / 16 | 8 | 5 | 5 | 16 | 4 | - | 8 |
| Alt./Simult. Outlets (max) | 1x1 | 1x1 | 2x2x2x2 | 2x3 | 2x3 | 8x8 | 2x2 | - | Programmable |
| Flash Patterns | 4 | 7 | 17 includes Traffic Advisor™ pattern | 4 | 4 | 4 | 62 | - | 64 |
| Input Voltage | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 |
| Output Current per Outlet (amps) | 12.5 | 12.5 | 5 | 3@10A 2@5A | 3@20A 2@10A | 5 | 5 | 10mA | 5 |
| Output Power per Outlet (watts) | 162 | 162 | 75 | 3@142W 2@71W | 3@284W 2@142W | 71 | 60 | - | 60 |
| Output Power Total (watts) | 324 | 324 | 600 | 264 | 568 | 568 | 240 | - | 480 |





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|--------------------------|---|--|--|---|--|--|---|---|--|
| Operating Voltage (VDC) | 10-16 | 10-16 | 10-16 | 10-16 | 10-16 | 10-16 | 10-16 | 10-16 | 10-16 |
| Duty Cycle On/Off | 50% | 50% | 50%* | 40% | 40% | 40% | 40% | - | 40% |
| On/Off Control Switching | 175mA | 20mA | 50mA | 20mA | 20mA | 20mA | - | - | - |
| Weather Protection | Encapsulated | Encapsulated | Install | Encapsulated | Install | Install | Encapsulated | Encapsulated | Encapsulated |
| Highbeam Override | yes | yes | - | - | - | - | - | - | - |
| Night Time Cutoff | yes | yes | - | - | - | - | - | - | - |
| Certifications | - | - | - | - | KKK-E | KKK-E | - | - | - |
| Dimensions | 3" (76mm) H x 1.5" (38mm) D x 4.19" (106mm) W | .535" (14mm) H x 2" (50 mm) D x 2.75" (70mm) W | 1.75" (44mm) H x 6.70" (170mm) D x 5.85" (149mm) W | .60" (15mm) H x 2.75" (70mm) D x 6.5" (165mm) W | .60" (15mm) H x 3.80" (97mm) D x 7.20" (183mm) W | .60" (15mm) H x 3.82" (97mm) D x 7.20" (184mm) W | .54" (14mm) H x 2.05" (52mm) D x 2.75" (70mm) W | .75" (19mm) H x 2.05" (52mm) D x 2.75" (70mm) W | 7.43" (189mm) W x .44" (11mm) H x 3.45" (88mm) D |

* Dependent on flash pattern, 50% in alternating mode, 150 FPM in single flash
 **2 outlets with 3 wire pairs each

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