# ION™ Series

## *Super-LED® Lightheads*

Compact and versatile, Whelen's ION Series lightheads are designed to be utilized in a multitude of applications with numerous mounting options. ION V-Series™ lightheads are available in three-in-one combination or in single color warning models. All new ION DUO™ and TRIO™ lightheads have been re-engineered with linear optics.

## ION Family Features

• Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
• Synchronize to other Whelen sync products
• Go undercover with all new, SAE Class 1 Certified Smoked lenses
• Five year warranty

# *FEATURES*

## ION Series

• Single or split color models
• TIR directional or wide-angle light spread models
• Available in universal or surface mount
• Universal mount models include combination permanent/pedestal, clip, edge mounts, and double sided tape, with a Black housing
• Universal mount options include bail/swivel bracket in Black, rubber grommet, and pedestal mount in Black
• Surface mount models includes Black flange
• Single color models have 25 Scan-Lock™ flash patterns
• Split color models have 69 Scan-Lock flash patterns
• 0.40 amps average at 12.8 VDC
• Supplied with 10" 4-wire pigtail
• SAE Class 1 Certified
• Wide-angle surface mount lighthead, meets NFPA 1901 and KKK-1822F requirements
• Size, Universal Mount: 1" (25mm) H x 1-1/4" (32mm) D x 4" (101mm) L
• Size, Surface Mount: 1-11/16" (43mm) H x 1-1/8" (28mm) D x 5-15/16" (150mm) L

*WIONJ*
*Universal mount*

*IONB*
*Universal mount*

*ION*
*Smoked lens*

*IONSMA*
*Surface mount*

# *MODELS* NEW

| Universal | |
|---|---|
| ION* | Red, Blue, Amber, or White |
| ION# | Split, Amber/Blue, Amber/White, Blue/Red, or White/Red, Clear lens |
| XON* | Red, Blue, Amber, or White, Smoked lens |
| XON# | Split, Amber/Blue, Amber/White, Blue/Red, or White/Red, Smoked lens |

| Wide-Angle Universal | |
|---|---|
| WION* | Red, Blue, Amber, or White |
| WION# | Split, Amber/Blue, Amber/White, Blue/Red, or White/Red, Clear lens |
| WXON* | Red, Blue, Amber, or White, Smoked lens |
| WXON# | Split, Amber/Blue, Amber/White, Blue/Red, or White/Red, Smoked lens |

| Surface | |
|---|---|
| IONSM* | Red, Blue, Amber, or White |
| IONSM# | Split, Amber/Blue, Amber/White, Blue/Red, or White/Red, Clear lens |
| XONSM* | Red, Blue, Amber, or White, Smoked lens |
| XONSM# | Split Amber/Blue, Amber/White, Blue/Red, or White/Red, Smoked lens |

| Wide-Angle Surface | |
|---|---|
| WIONSM* | Red, Blue, Amber, or White |
| WIONSM# | Split, Amber/Blue, Amber/White, Blue/Red, or White/Red, Clear lens |
| WXONSM* | Red, Blue, Amber, or White, Smoked lens |
| WXONSM# | Split, Amber/Blue, Blue/Red, or White/Red, Smoked lens |

Replace symbol * in model number with letter indicating color desired: A = Amber, B = Blue, C = White, R = Red
Replace # symbol in model number with letter indicating split color desired: D=Red/White, E=Blue/White, F=Amber/White, J=Red/Blue, K=Red/Amber, M=Blue/Amber
For White or Chrome housings, contact factory.

**WHELEN®**

# *FEATURES*

## ION DUO & TRIO Series

- Available with DUO (two color interleaved) or TRIO (three color interleaved) technology and new Linear-LED® optics
- Available in Red, Blue, Amber, and White combinations
- Universal mount models include combination permanent/pedestal, clip, edge mounts, and double-sided tape, with a Black housing
- Surface mount models include Black flange
- SAE Class 1 Certified
- Size, Universal Mount: 1" (25mm) H x 1-1/4" (32mm) D x 4" (101mm) L
- Size, Surface Mount: 1-11/16" (43mm) H x 1-1/8" (28mm) D x 5-15/16" (150mm) L

## ION DUO

- Supplied with a 10" 5-wire pigtail
- Independent control of color one and color two
- 64 Scan-Lock™ flash patterns

## ION TRIO

- Supplied with a 10" 6-wire pigtail
- Choose from any combination of color one, color two, and/or color three
- Color three has steady-burn override feature
- 25 Scan-Lock flash patterns

*I2SMF*

*I3JC*

# *MODELS* NEW

| DUO Universal | |
|---|---|
| I2J | Blue/Red |
| I2F | Amber/White |
| I2E | Blue/White |
| I2D | Red/White |
| I2M | Blue/Amber |
| XI2J | Blue/Red, Smoked lens |
| XI2F | Amber/White, Smoked lens |
| XI2E | Blue/White, Smoked lens |
| XI2D | Red/White, Smoked lens |
| XI2M | Blue/Amber, Smoked lens |

| DUO Surface | |
|---|---|
| I2SMJ | Blue/Red |
| I2SMF | Amber/White |
| I2SME | Blue/White |
| I2SMD | Red/White |
| I2SMM | Blue/Amber |
| XI2SMJ | Blue/Red, Smoked lens |
| XI2SMF | Amber/White, Smoked lens |
| XI2SME | Blue/White, Smoked lens |
| XI2SMD | Red/White, Smoked lens |
| XI2SMM | Blue/Amber, Smoked lens |

| TRIO Universal | |
|---|---|
| I3JC | Red/Blue/White, White override |
| I3JA | Red/Blue/Amber, Amber override |
| I3KC | Red/Amber/White, White override |
| I3MC | Blue/Amber/White, White override |
| XI3JC | Red/Blue/White, White override, Smoked lens |
| XI3JA | Red/Blue/Amber, Amber override, Smoked lens |
| XI3KC | Red/Amber/White, White override, Smoked lens |
| XI3MC | Blue/Amber/White, White override, Smoked lens |

| TRIO Surface | |
|---|---|
| I3SMJC | Red/Blue/White, White override |
| I3SMJA | Red/Blue/Amber, Amber override |
| I3SMKC | Red/Amber/White, White override |
| I3SMMC | Blue/Amber/White, White override |
| XI3SMJC | Red/Blue/White, White override, Smoked lens |
| XI3SMJA | Red/Blue/Amber, Amber override, Smoked lens |
| XI3SMKC | Red/Amber/White, White override, Smoked lens |
| XI3SMMC | Blue/Amber/White, White override, Smoked lens |

Replace symbol * in model number with letter indicating color desired:
A = Amber, B = Blue, C = White, R = Red
Replace # symbol in model number with letter indicating split color desired:
D=Red/White, E=Blue/White, F=Amber/White, J=Red/Blue, K=Red/Amber, M=Blue/Amber
For White or Chrome housings, contact factory.

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# ION V-Series

- Combination models have 180° wide-angle warning, illumination, and puddle light
- Single color models have combination 180° and TIR directional warning
- Available in universal or surface mount
- Universal mount models include combination permanent/pedestal mount, clip, edge mounts, and double-sided tape. Options include bail/swivel bracket in Black or White, pedestal mount in Black or Chrome, and rubber grommet
- Surface mount models include flange, available in Black or Chrome
- Warning segment has 25 Scan-Lock™ flash patterns
- Warning segment available in Red, Amber, Blue, or White
- Six inch pigtail with sync wire allows up to eight lightheads to be synchronized together for the warning segment of the lighthead
- Combination model: Amp draw @ 12 VDC, Warning lights: 0.765/A, Alley lights: 0.31/A, Puddle lights: 0.12/A
- Single color warning model: Amp draw: @ 12 VDC, Warning lights: 1.147/A
- SAE Class 1 Certified
- Size, Universal Mount: 1" (25mm) H x 2-3/16" (56mm) D x 4-1/16" (104mm) L
- Size, Surface Mount: 1-11/16" (43mm) H x 2" (50mm) D x 5-15/16" (150mm) L

*IONV3R*

*IONV3B*
*Universal mount*

*Surface mount IONSV3C*

## MODELS NEW

### V-Series Universal

| IONV3* | Combination, Red, Blue, Amber, or White | Black |
|--------|------------------------------------------|-------|
| IONV1* | Single Color, Red, Blue, Amber, or White | Black |
| XONV3* | Combination, Red, Blue, Amber, or White, Smoked lens | Black |
| XONV1* | Single Color, Red, Blue, Amber, or White, Smoked lens | Black |

### V-Series Surface

| IONSV3* | Combination, Red, Blue, Amber, or White | Black |
|---------|------------------------------------------|-------|
| IONSV3*C | | Chrome |
| IONSV1* | Single Color, Red, Blue, Amber, or White | Black |
| IONSV1*C | | Chrome |
| XONSV3* | Combination, Red, Blue, Amber, or White, Smoked lens | Black |
| XONSV1* | Single Color, Red, Blue, Amber, or White, Smoked lens | Black |

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For White housings, contact factory.

## ION SERIES OPTIONS

| IONK1B | Swivel mount bracket, Black | |
|--------|------------------------------|--|
| IONGROM | Grommet mount kit, Black | |
| IONPEDB | Pedestal mount kit, Black | |
| IONBKT1 | Universal license plate bracket, horizontal mount, Black | For 2 ION Series lightheads, not for use with ION V-Series |
| IONBKT2 | 2013-2016 Ford Police Interceptor Utility, rear hatch mounting brackets (pair), Black | Requires 6 ION Series lightheads, purchased separately |
| IONBKT4 | | Requires 2 ION Series lightheads, purchased separately |
| IONBKT5 | Universal mount, reversed. Remove screws without removing the light | |
| IONBKT6 | 2015-2016 Chevy Tahoe, rear hatch mounting brackets (pair), Black | Requires 2 ION Series lightheads, purchased separately |
| IONBKT7 | NEW 2015-2016 Chevy Tahoe, grille mount bracket | Requires 2 ION Series lightheads, purchased separately |

OFFICIAL WARNING LIGHTS OF
NASCAR®

This Whelen product comes with a...
**5FIVE** YEAR WARRANTY