## **HD TVI 2MP 1080P**

### **WDR 1 EXIR Dome Camera**



**T8WSD1-V036** 3.6mm Lens **T8WSD1-V028** 2.8mm Lens



#### **FEATURES**

- HD TVI 1920 x 1080 @ 30fps
- 1/3" Progressive Scan CMOS
- 3.6mm or 2.8mm Fixed Lens
- 0.1 Lux @ F1.2 (AGC ON), 0 Lux with IR
- 1 EXIR LED
- IR distance up to 130ft / 40m
- Mechanical IR Cut Filter (ICR)
- 120dB True WDR, 3D DNR
- 5W
- 12V DC
- IP66 Rating

## **WDR 1 EXIR Dome Camera**

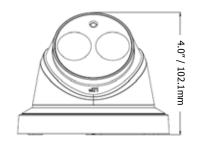
#### SPECIFICATIONS - Product Code: T8WSD1-V036 / T8WSD1-V028 PIC: TVI-59 / 60

| Tange Sensor   1/3" Progressive Scan CMOS  | Model                 | T8WSD1-V036   | T8WSD1-V028                   |
|--|-----------------------|---|-------------------------------|
| Horizontal Resolution  Effective Pixels  1920(H) x 1080(V)  Sync System  Internal  Video Frame Rate  NTSC: 1080P @ 307ps ; PAL: 1080P @ 257ps  HD Video Output  1 Analog HD Output  5/N Ratio  More than 52dB  Electronic Shutter  NTSC: 1/30~1/50,000 sec. ; PAL: 1/25~1/50,000 sec.  Minimum Illumination  Day & Night  Built-in Mechanical IR Cut Filter (TCR)  IR LED  1pc EXIR  IR Distance  130ft / 40m  Lens Type  3.6mm Fixed Lens (Angle of view: 103.5°)  2.8mm (Angle of view: 103.5°)  Scene  Indoor, Outdoor, Indoor1, LOW-LIGHT  Camera ID  On / off (15 characters, position programmable)  AGC  D/N Mode  Color / BW / EXT  White Balance  ATW, AWC-SET, Indoor, Outdoor, Manual  Privacy Mask  On / Off, maximum 4 zones  BLC  Support  On / off  Anti-flicker  Dn / Off, maximum 4 zones  BLC  Support  Anti-flicker  English, Japanese, CHN1, CHN2, Korean, German, French, Italian, Spanish, Polish, Russian, Portuguese, Dutch, Turkish, Hebrev and Avabic  Functions  Eclipse, Digital noise reduction, Digital zoom(62x), Slow shutter, Mirror, Defog, Defect pixel correction, SMART D-ZOOM  Power Source  Power Consumption  1P Rating  Operating Temperature  4-9° × 140°9° / 20°C ~ 60°C  Humidity  90% or less (non-condensing)  Dimension   | Signal System         | NTSC / PAL  |                               |
| Effective Pixels   1920(H) x 1080(V)   Sync System   Internal  | Image Sensor          | 1/3" Progressive Scan CMOS  |                               |
| Sync System  | Horizontal Resolution | 2.0MP   |                               |
| Video Frame Rate         NTSC: 1080P @ 30fps ; PAL: 1080P @ 25fps           HD Video Output         1 Analog HD Output           S/N Ratio         More than \$2dB           Electronic Shutter         NTSC: 1/30~1/50,000 sec. ; PAL: 1/25~1/50,000 sec.           Minimum Illumination         0.01 Lux @ F1.2 (AGC ON), 0 Lux with IR           Day & Night         Built-in Mechanical IR Cut Filter (ICR)           IR LED         1pc EXIR           IR Distance         130ft / 40m           Lens Type         3.6mm Fixed Lens (Angle of view: 103.5°)         2.8mm (Angle of view: 103.5°)           Scene         Indoor, Outdoor, Indoor1, LOW-LIGHT           Camera ID         On / off (15 characters, position programmable)           AGC         Support           D/N Mode         Color / BW / EXT           White Balance         ATW, AWC-SET, Indoor, Outdoor, Manual           Privacy Mask         On / Off, maximum 8 zones           Motion Detection         On / Off, maximum 4 zones           BLC         Support           Anti-flicker         On / Off           Language         English, Japanese, CHN1, CHN2, Korean, German, French, Italian, Spanish, Polish, Russian, Portuguese, Dutch, Turkish, Hebrew and Arabic           Functions         Eclipse, Digital noise reduction, Digital zoom(62x), Slow shutter, Mirror, Defog, Defect pixel cor   | Effective Pixels      | 1920(H) x 1080(V)   |                               |
| HD Video Output  1 Analog HD Output  5/N Ratio  More than \$2dB  Electronic Shutter  NTSC: 1/30~1/50,000 sec.; PAL: 1/25~1/50,000 sec.  Minimum Illumination  0.01 Lux @ F1.2 (AGC ON), 0 Lux with IR  Day & Night  Built-in Mechanical IR Cut Filter (ICR)  IR LED  1pc EXIR  IR Distance  130ft / 40m  Lens Type  3.6mm Fixed Lens (Angle of view: 103.5°)  2.8mm (Angle of view: 103.5°)  Scene  Indoor, Outdoor, Indoor1, LOW-LIGHT  Camera ID  On / off (15 characters, position programmable)  AGC  Support  Oh/ Mode  Color / BW / EXT  White Balance  ATW, AWC-SET, Indoor, Outdoor, Manual  Privacy Mask  On / Off, maximum 8 zones  Motion Detection  On / Off, maximum 4 zones  BLC  Support  Anti-flicker  On / Off, maximum 4 zones  BLC  Support  Anti-flicker  On / Off, maximum 4 zones  BLC  Support  Anti-flicker  On / Off, maximum 4 zones  BLC  Support  Anti-flicker  On / Off, maximum 4 zones  BLC  Support  Anti-flicker  On / Off, maximum 4 zones  BLC  Support  Anti-flicker  On / Off, maximum 4 zones  BLC  Support  Anti-flicker  On / Off, maximum 4 zones  BLC  Support  Anti-flicker  On / Off, maximum 4 zones  BLC  Support  Anti-flicker  On / Off, maximum 4 zones  BLC  Support  Anti-flicker  On / Off, maximum 4 zones  BLC  Support  Anti-flicker  On / Off, maximum 4 zones  BLC  Support  Anti-flicker  On / Off, maximum 4 zones  BLC  Support  Anti-flicker  On / Off, maximum 4 zones  BLC  Support  Anti-flicker  On / Off, maximum 4 zones  BLC  Support  Anti-flicker  On / Off, maximum 4 zones  BLC  Support  Anti-flicker  On / Off, maximum 4 zones  BLC  Support  Anti-flicker  On / Off, maximum 6 zones  On / Off, maximum 6 zones  BLC  Support  Anti-flicker  On / Off, maximum 6 zones  On / Off, maximum 6 zones  On / Off, maximum 8 zones  On / Off, maximum 6 zones  On / Off, maximum 8 zones  On / Off, maximum 6 zones  On / Off, maximum 8 zones  On / Off, m | Sync System           | Internal  |                               |
| S/N Ratio   More than 52dB   | Video Frame Rate      | NTSC: 1080P @ 30fps ; PAL: 1080P @ 25fps  |                               |
| NTSC: 1/30~1/50,000 sec. ; PAL: 1/25~1/50,000 sec.   | HD Video Output       | 1 Analog HD Output  |                               |
| Minimum Illumination  0.01 Lux @ F1.2 (ACC ON), 0 Lux with IR  Built-in Mechanical IR Cut Filter (ICR)  IR LED  1pc EXIR  IR Distance  130ft / 40m  Lens Type  3.6mm Fixed Lens (Angle of view: 103.5°)  Scene  Indoor, Outdoor, Indoor1, LOW-LIGHT  Camera ID  On / off (15 characters, position programmable)  AGC  Support  D/N Mode  Color / BW / EXT  White Balance  ATW, AWC-SET, Indoor, Outdoor, Manual  Privacy Mask  On / Off, maximum 8 zones  Motion Detection  BLC  Support  Anti-flicker  On / Off  Language  English, Japanese, CHN1, CHN2, Korean, German, French, Italian, Spanish, Polish, Russian, Portuguese, Dutch, Turkish, Hebrew and Arabic  Functions  Eclipse, Digital noise reduction, Digital zoom(62x), Slow shutter, Mirror, Defog, Defect pixel correction, SMART D-ZOOM  Power Source  Power Consumption  1P Rating  IP66  Operating Temperature  -4°F ~ 140°F / -2°°C ~ 60°C  Humidity  Pimension  5.0(0) x 4.0(H) inches / 126.7(0) x 102.1(H) mm  | S/N Ratio             | More than 52dB  |                               |
| Day & Night  Built-in Mechanical IR Cut Filter (ICR)  IR LED  Ipc EXIR  IR Distance  Is Distance  Is Distance  Is Distance  Indoor, Outdoor, Indoor1, LOW-LIGHT  Camera ID  On / off (15 characters, position programmable)  AGC  Support  On / off, Support  White Balance  ATW, AWC-SET, Indoor, Outdoor, Manual  Privacy Mask  On / Off, maximum 8 zones  Motion Detection  BLC  Support  On / off  English, Japanese, CHN1, CHN2, Korean, German, French, Italian, Spanish, Polish, Russian, Portuguese, Dutch, Turkish, Hebrew and Arabic  Functions  Eclipse, Digital noise reduction, Digital zoom(62x), Slow shutter, Mirror, Defog, Defect pixel correction, SMART D-ZOOM  Power Source  Power Consumption  IP Rating  IP 66  Operating Temperature  4°9° ~ 140°9° / -20°C ~ 60°C  Humidity  Pimension  Sulti-in Mechanical IR Cut Filter (ICR)  130°T Filter (ICR)  120° Lamma (Angle of view: 103.5°)  2.8mm (Angle of v | Electronic Shutter    | NTSC: 1/30~1/50,000 sec. ; PAL: 1/25~1/50,000 sec.  |                               |
| IR LED  1pc EXIR  IR Distance  130ft / 40m  Lens Type  3.6mm Fixed Lens (Angle of view: 103.5°)  Scene  Indoor, Outdoor, Indoor1, LOW-LIGHT  Camera ID  On / off (15 characters, position programmable)  AGC  Support  On / off (25 characters, position programmable)  AGC  Support  White Balance  ATW, AWC-SET, Indoor, Outdoor, Manual  Privacy Mask  On / Off, maximum 8 zones  Motion Detection  On / off, maximum 4 zones  BLC  Support  Anti-flicker  On / Off  Language  English, Japanese, CHN1, CHN2, Korean, German, French, Italian, Spanish, Polish, Russian, Portuguese, Dutch, Turkish, Hebrew and Arabic  Functions  Eclipse, Digital noise reduction, Digital zoom(62x), Slow shutter, Mirror, Defog, Defect pixel correction, SMART D-ZOOM  Power Source  Power Consumption  1P Rating  1P66  Operating Temperature  4°F ~ 140°F / -20°C ~ 60°C  Humidity  90% or less (non-condensing)  Dimension  | Minimum Illumination  | 0.01 Lux @ F1.2 (AGC ON), 0 Lux with IR   |                               |
| IR Distance  Lens Type  3.6mm Fixed Lens (Angle of view: 103.5°)  Scene  Indoor, Outdoor, Indoor1, LOW-LIGHT  Camera ID  On / off (15 characters, position programmable)  AGC  Support  D/N Mode  Color / BW / EXT  White Balance  ATW, AWC-SET, Indoor, Outdoor, Manual  Privacy Mask  On / Off, maximum 8 zones  Motion Detection  BLC  Support  On / Off, maximum 4 zones  BLC  Support  On / Off  English, Japanese, CHN1, CHN2, Korean, German, French, Italian, Spanish, Polish, Russian, Portuguese, Dutch, Turkish, Hebrew and Arabic  Functions  Eclipse, Digital noise reduction, Digital zoom(62x), Slow shutter, Mirror, Defog, Defect pixel correction, SMART D-ZOOM  Power Source  Power Consumption  IP Rating  Operating Temperature  4°F ~ 140°F / -20°C ~ 60°C  Humidity  9% or less (non-condensing)  Dimension   | Day & Night           | Built-in Mechanical IR Cut Filter (ICR)   |                               |
| Lens Type         3.6mm Fixed Lens (Angle of view: 103.5°)         2.8mm (Angle of view: 103.5°)           Scene         Indoor, Outdoor, Indoor1, LOW-LIGHT           Camera ID         On / off (15 characters, position programmable)           AGC         Support           D/N Mode         Color / BW / EXT           White Balance         ATW, AWC-SET, Indoor, Outdoor, Manual           Privacy Mask         On / Off, maximum 8 zones           Motion Detection         On / Off, maximum 4 zones           BLC         Support           Anti-flicker         On / Off           Language         English, Japanese, CHN1, CHN2, Korean, German, French, Italian, Spanish, Polish, Russian, Portuguese, Dutch, Turkish, Hebrew and Arabic           Functions         Eclipse, Digital noise reduction, Digital zoom(62x), Slow shutter, Mirror, Defog, Defect pixel correction, SMART D-ZOOM           Power Source         12V DC           Power Consumption         5W Max.           IP Rating         1P66           Operating Temperature         -4°F ~ 140°F / -20°C ~ 60°C           Humidity         90% or less (non-condensing)           Dimension         5.0(Ø) x 4.0(H) inches / 126.7(Ø) x 102.1(H) mm   | IR LED                | 1pc EXIR  |                               |
| Scene Indoor, Outdoor, Indoor1, LOW-LIGHT  Camera ID On / off (15 characters, position programmable)  AGC Support  D/N Mode Color / BW / EXT  White Balance ATW, AWC-SET, Indoor, Outdoor, Manual  Privacy Mask On / Off, maximum 8 zones  Motion Detection On / Off, maximum 4 zones  BLC Support  Anti-flicker On / Off  Language English, Japanese, CHN1, CHN2, Korean, German, French, Italian, Spanish, Polish, Russian, Portuguese, Dutch, Turkish, Hebrew and Arabic  Functions Eclipse, Digital noise reduction, Digital zoom(62x), Slow shutter, Mirror, Defog, Defect pixel correction, SMART D-ZOOM  Power Source 12V DC  Power Consumption SW Max.  IP Rating 1P66  Operating Temperature 4-9°F ~ 140°F / -20°C ~ 60°C  Humidity 90% or less (non-condensing)  Dimension 5.0(Ø) x 4.0(H) inches / 126.7(Ø) x 102.1(H) mm   | IR Distance           | 130ft / 40m   |                               |
| AGC Support  D/N Mode Color / BW / EXT  White Balance ATW, AWC-SET, Indoor, Outdoor, Manual  Privacy Mask On / Off, maximum 8 zones  Motion Detection On / Off, maximum 4 zones  BLC Support  Anti-flicker On / Off  Language English, Japanese, CHN1, CHN2, Korean, German, French, Italian, Spanish, Polish, Russian, Portuguese, Dutch, Turkish, Hebrew and Arabic  Functions Eclipse, Digital noise reduction, Digital zoom(62x), Slow shutter, Mirror, Defog, Defect pixel correction, SMART D-ZOOM  Power Source 12V DC  Power Consumption SW Max.  IP Rating 1P66  Operating Temperature 4°F ~ 140°F / -20°C ~ 60°C  Humidity 99% or less (non-condensing)  Dimension 5.0(Ø) x 4.0(H) inches / 126.7(Ø) x 102.1(H) mm   | Lens Type             | 3.6mm Fixed Lens (Angle of view: 103.5°)  | 2.8mm (Angle of view: 103.5°) |
| AGC  Support  Color / BW / EXT  White Balance  ATW, AWC-SET, Indoor, Outdoor, Manual  Privacy Mask  On / Off, maximum 8 zones  Motion Detection  On / Off, maximum 4 zones  BLC  Support  Anti-flicker  On / Off  Language  English, Japanese, CHN1, CHN2, Korean, German, French, Italian, Spanish, Polish, Russian, Portuguese, Dutch, Turkish, Hebrew and Arabic  Functions  Eclipse, Digital noise reduction, Digital zoom(62x), Slow shutter, Mirror, Defog, Defect pixel correction, SMART D-ZOOM  Power Source  Power Consumption  SW Max.  IP Rating  1P66  Operating Temperature  -4°F ~ 140°F / -20°C ~ 60°C  Humidity  90% or less (non-condensing)  Dimension  5.0(Ø) x 4.0(H) inches / 126.7(Ø) x 102.1(H) mm   | Scene                 | Indoor, Outdoor, Indoor1, LOW-LIGHT   |                               |
| D/N Mode  Color / BW / EXT  White Balance  ATW, AWC-SET, Indoor, Outdoor, Manual  Privacy Mask  On / Off, maximum 8 zones  Motion Detection  On / Off, maximum 4 zones  BLC  Support  Anti-flicker  On / Off  Language  English, Japanese, CHN1, CHN2, Korean, German, French, Italian, Spanish, Polish, Russian, Portuguese, Dutch, Turkish, Hebrew and Arabic  Functions  Eclipse, Digital noise reduction, Digital zoom(62x), Slow shutter, Mirror, Defog, Defect pixel correction, SMART D-ZOOM  Power Source  12V DC  Power Consumption  SW Max.  IP Rating  IP66  Operating Temperature  -4°F ~ 140°F / -20°C ~ 60°C  Humidity  90% or less (non-condensing)  Dimension  5.0(∅) x 4.0(H) inches / 126.7(∅) x 102.1(H) mm   | Camera ID             | On / off (15 characters, position programmable)   |                               |
| White Balance       ATW, AWC-SET, Indoor, Outdoor, Manual         Privacy Mask       On / Off, maximum 8 zones         Motion Detection       On / Off, maximum 4 zones         BLC       Support         Anti-flicker       On / Off         Language       English, Japanese, CHN1, CHN2, Korean, German, French, Italian, Spanish, Polish, Russian, Portuguese, Dutch, Turkish, Hebrew and Arabic         Functions       Eclipse, Digital noise reduction, Digital zoom(62x), Slow shutter, Mirror, Defog, Defect pixel correction, SMART D-ZOOM         Power Source       12V DC         Power Consumption       5W Max.         IP Rating       IP66         Operating Temperature       -4°F ~ 140°F / -20°C ~ 60°C         Humidity       90% or less (non-condensing)         Dimension       5.0(Ø) x 4.0(H) inches / 126.7(Ø) x 102.1(H) mm  | AGC                   | Support   |                               |
| Privacy Mask  On / Off, maximum 8 zones  Motion Detection  On / Off, maximum 4 zones  BLC  Support  Anti-flicker  On / Off  English, Japanese, CHN1, CHN2, Korean, German, French, Italian, Spanish, Polish, Russian, Portuguese, Dutch, Turkish, Hebrew and Arabic  Functions  Eclipse, Digital noise reduction, Digital zoom(62x), Slow shutter, Mirror, Defog, Defect pixel correction, SMART D-ZOOM  Power Source  12V DC  Power Consumption  5W Max.  IP Rating  IP66  Operating Temperature  -4°F ~ 140°F / -20°C ~ 60°C  Humidity  90% or less (non-condensing)  Dimension  5.0(Ø) x 4.0(H) inches / 126.7(Ø) x 102.1(H) mm   | D/N Mode              | Color / BW / EXT  |                               |
| Motion Detection  On / Off, maximum 4 zones  BLC  Support  Anti-flicker  On / Off  Language  English, Japanese, CHN1, CHN2, Korean, German, French, Italian, Spanish, Polish, Russian, Portuguese, Dutch, Turkish, Hebrew and Arabic  Functions  Eclipse, Digital noise reduction, Digital zoom(62x), Slow shutter, Mirror, Defog, Defect pixel correction, SMART D-ZOOM  Power Source  12V DC  Power Consumption  SW Max.  IP Rating  IP66  Operating Temperature  -4°F ~ 140°F / -20°C ~ 60°C  Humidity  90% or less (non-condensing)  Dimension  5.0(Ø) x 4.0(H) inches / 126.7(Ø) x 102.1(H) mm  | White Balance         | ATW, AWC-SET, Indoor, Outdoor, Manual   |                               |
| Anti-flicker On / Off  Language English, Japanese, CHN1, CHN2, Korean, German, French, Italian, Spanish, Polish, Russian, Portuguese, Dutch, Turkish, Hebrew and Arabic  Functions Eclipse, Digital noise reduction, Digital zoom(62x), Slow shutter, Mirror, Defog, Defect pixel correction, SMART D-ZOOM  Power Source 12V DC  Power Consumption 5W Max.  IP Rating IP66 Operating Temperature -4°F ~ 140°F / -20°C ~ 60°C  Humidity 90% or less (non-condensing)  Dimension 5.0(Ø) x 4.0(H) inches / 126.7(Ø) x 102.1(H) mm   | Privacy Mask          | On / Off, maximum 8 zones   |                               |
| Anti-flicker  Language  English, Japanese, CHN1, CHN2, Korean, German, French, Italian, Spanish, Polish, Russian, Portuguese, Dutch, Turkish, Hebrew and Arabic  Functions  Eclipse, Digital noise reduction, Digital zoom(62x), Slow shutter, Mirror, Defog, Defect pixel correction, SMART D-ZOOM  Power Source  12V DC  Power Consumption  5W Max.  IP Rating  IP66  Operating Temperature  -4°F ~ 140°F / -20°C ~ 60°C  Humidity  90% or less (non-condensing)  Dimension  5.0(Ø) x 4.0(H) inches / 126.7(Ø) x 102.1(H) mm   | Motion Detection      | On / Off, maximum 4 zones   |                               |
| Language  English, Japanese, CHN1, CHN2, Korean, German, French, Italian, Spanish, Polish, Russian, Portuguese, Dutch, Turkish, Hebrew and Arabic  Functions  Eclipse, Digital noise reduction, Digital zoom(62x), Slow shutter, Mirror, Defog, Defect pixel correction, SMART D-ZOOM  Power Source  12V DC  Power Consumption  5W Max.  IP Rating  IP66  Operating Temperature  -4°F ~ 140°F / -20°C ~ 60°C  Humidity  90% or less (non-condensing)  Dimension  5.0(Ø) x 4.0(H) inches / 126.7(Ø) x 102.1(H) mm   | BLC                   | Support   |                               |
| Turkish, Hebrew and Arabic  Functions  Eclipse, Digital noise reduction, Digital zoom(62x), Slow shutter, Mirror, Defog, Defect pixel correction, SMART D-ZOOM  Power Source  12V DC  Power Consumption  5W Max.  IP Rating  IP66  Operating Temperature  -4°F ~ 140°F / -20°C ~ 60°C  Humidity  90% or less (non-condensing)  Dimension  5.0(Ø) x 4.0(H) inches / 126.7(Ø) x 102.1(H) mm  | Anti-flicker          | On / Off  |                               |
| Power Source         12V DC           Power Consumption         5W Max.           IP Rating         IP66           Operating Temperature         -4°F ~ 140°F / -20°C ~ 60°C           Humidity         90% or less (non-condensing)           Dimension         5.0(Ø) x 4.0(H) inches / 126.7(Ø) x 102.1(H) mm   | Language              |   |                               |
| Power Consumption         5W Max.           IP Rating         IP66           Operating Temperature         -4°F ~ 140°F / -20°C ~ 60°C           Humidity         90% or less (non-condensing)           Dimension         5.0(Ø) x 4.0(H) inches / 126.7(Ø) x 102.1(H) mm   | Functions             | Eclipse, Digital noise reduction, Digital zoom(62x), Slow shutter, Mirror, Defog, Defect pixel correction, SMART D-ZOOM |                               |
| IP RatingIP66Operating Temperature $-4^{\circ}F \sim 140^{\circ}F / -20^{\circ}C \sim 60^{\circ}C$ Humidity90% or less (non-condensing)Dimension $5.0(\emptyset) \times 4.0(H)$ inches / $126.7(\emptyset) \times 102.1(H)$ mm   | Power Source          | 12V DC  |                               |
| Operating Temperature         -4°F ~ 140°F / -20°C ~ 60°C           Humidity         90% or less (non-condensing)           Dimension         5.0(Ø) x 4.0(H) inches / 126.7(Ø) x 102.1(H) mm  | Power Consumption     | 5W Max.   |                               |
| Humidity         90% or less (non-condensing)           Dimension         5.0(Ø) x 4.0(H) inches / 126.7(Ø) x 102.1(H) mm  | IP Rating             | IP66  |                               |
| <b>Dimension</b> 5.0(Ø) x 4.0(H) inches / 126.7(Ø) x 102.1(H) mm   | Operating Temperature | -4°F ~ 140°F / -20°C ~ 60°C   |                               |
|  | Humidity              | 90% or less (non-condensing)  |                               |
| Net Weight 1.1 lbs / 0.5 kg  | Dimension             | 5.0(Ø) x 4.0(H) inches / 126.7(Ø) x 102.1(H) mm   |                               |
|  | Net Weight            | 1.1 lbs / 0.5 kg  |                               |

\*Specifications and appearance are subject to change without notice.

#### **DIAGRAM**

# Ø5.0" / 126.7mm Ø4.48" / 112.4mm Ø0.19" / 4.8mm



#### **OPTIONAL ACCESSORIES**



**BK-105** 



**BK-106**