

# Intruder®

Economical lightweight glass



Part	Lens & Temples
ES4110S ●●●●	Clear
ES4110ST ●●●●	Clear Anti-Fog
ES4120S ●●●●	Gray
ES4120ST ●●●●	Gray Anti-Fog
ES4130S ●●●●	Amber

- Superior comfort and fit.
- Lightweight, frameless protection is ideal for all-day wear.
- Coated lens provides excellent side protection and 99.9% protection against harmful UV rays.

GENERAL SPECIFICATION
Bridge: 17.27mm
Closest Point Between Lens: 16.67mm
Closest Point Between Temples: 91.53mm
Lens Base: 10 curve
Lens Size Diagonal: 77.08mm
Lens Size Vertical: 43.38mm
Lens Thickness: 2.5mm
Overall Length [Lens-Tip]: 156mm
Overall Width [Hinge-Hinge]: 135.5mm
PD: 64mm
Weight: 23.1g

**PACKAGING**

Polybag: 1pc

Inner Box: 12 pcs

Case: 300 pcs

COMPONENT	MATERIAL	FEATURES
Lens	Polycarbonate	9 base curve
Temple	Polycarbonate	Straight
Hinge	Polycarbonate	Integral to temples
Screw	Stainless steel	Standard hinge screw

PART	LENS	LENS MARKING	FRAME MARKING
ES4110S	 Clear	2C - 1.2 P 1F CE	CE P EN166 F
ES4110ST	 Clear Anti-Fog	2C - 1.2 P 1F N CE	CE P EN166 F
ES4120S	 Gray	5 - 2.5 P 1F CE	CE P EN166 F
ES4120ST	 Gray Anti-Fog	5 - 2.5 P 1F N CE	CE P EN166 F
ES4130S	 Amber	2 - 1.2 P 1F CE	CE P EN166 F

**LENS MARKING****Code (field of use):**2 or 3: UV Filter  
5 or 6: Solar Filter**Color Perception:**

C: Unimpaired color perception

**Protection Class:**

1.2 to 6: Degree of visible light filtration

**Optical Class:**

1: High optical quality / No optical distortion

**Mechanical Strength:**S: Extra strong, resists a 22mm, 43g ball falling 1.30 m/s  
F: Low energy impact, resists a 6mm, 0.86g at 45 m/s  
B: Medium energy impact, resists a 6mm, 0.86g at 120 m/s  
A: High energy impact, resists a 6mm, 0.86g at 190 m/s**Symbols:**P: Manufacture Indication  
N: Filter with Anti-Fog features  
CE: European Standard**FRAME MARKING****Symbols:**CE: European Standard  
P: Manufacture Indication  
EN166: CE specification for protective eyewear**Mechanical Strength:**F: Low energy impact  
B: Medium energy impact  
BT: Medium energy impact at extreme temperatures**Protection Class:**3: Protection against liquid droplets  
4: Protection against large dust