AR glass is a glass that has been optically coated on one or two sides to diminish reflections and increase the light transmission, to reduce surface glare and increase substrate transmission and brightness offering better contrast definition by reducing surface reflection over a specific wavelength range. Ghost images and multiple reflection can be minimized and possibly eliminated by applying an AR coating on the glass surface.

Features of anti-reflective glass:

High transmission & low reflectance
Technologies can AR coat customer-supplied glass optics or fabricate from our anti-reflective coated glass always in stock
Large format AR-coated glass readily available (contact factory for stock >availability)
Contrast enhancement for sharp, clear graphics and
Standard broadband AR reduces surface reflection from 4% to less than 0.5%
Can be used in conjunction with conductive ITO coatings, bus bars, UV rejection coatings and surface enhancement coatings (index matching available)
Can be custom designed to meet your wavelength requirements
Anti-Smudge coating can be applied over AR to reduce “fingerprinting”
Hydrophobic topcoat can be applied to eliminate moisture buildup
Can make into tempered glass and silk screen glass

Typical Applications:

Electronic Display
Optics for LED lighting
LCD Display
Front Panel Displays
Thin-Film LCD Heater Panel
Instrumentation Windows
Lighting
Telecommunications
Architectural Windows
Display Cases
Storefronts
Projection Port Windows
Sight Glass
Oil painting frame
Museum showing shelf

Products details:

Packing and loading: