

TECHNICAL PRODUCT DATA SHEET & SAFETY INSTRUCTIONS

Product Symbol: ADR185 | EAN: 5907451313039

Document Status: Technical & Safety Compliance Documentation (GPSR)

PART I: TECHNICAL PRODUCT DATA SHEET

Parameter	Specification & Product Details
Product Name	HD VISION Glasses for Drivers (2-piece set)
Product Symbol / SKU	ADR185
EAN Barcode	5907451313039
Frame & Lens Material	High-durability Polycarbonate (PC)
Set Contents	1x Yellow-tinted lenses (Night/Fog/Overcast) 1x Dark-tinted lenses (Daytime/Bright sunlight)
Optical Features	UV 400 Protection Filter, Anti-glare coating
Special Ergonomics	Fit-Over Technology (can be worn over standard prescription glasses) Side Protect System (integrated side windows to eliminate peripheral glare)
Distributor / Seller	B.A.M. Andrzej Borowicz, Osielsko, Poland (bam24.pl)

Product Functionality Description

The ADR185 set is designed for commercial and private drivers to improve visual contrast and reduce eye strain under challenging light conditions.

- Yellow Lenses (Night Vision):** Brighten the field of view, enhance contrast in fog, heavy rain, or dusk, and neutralize the blinding glare of oncoming LED/Xenon headlights.
- Dark Lenses (Day Vision):** Block intense sunlight, eliminate reflections from the road surface or dashboard, and protect against harmful UV radiation.

PART II: OCCUPATIONAL SAFETY & OPERATING INSTRUCTIONS

1. Intended Use and Proper Application

- **Daytime Driving:** Use only the dark-tinted glasses in bright sunlight. Do not use dark glasses during night driving or in dark tunnels, as this severely reduces visibility and increases accident risks.
- **Night and Bad Weather Driving:** Use only the yellow-tinted glasses during night hours, heavy rain, thick fog, or overcast conditions.
- **Fit-Over Function:** Ensure that when placing the ADR185 frames over your standard prescription glasses, they sit securely, do not restrict your peripheral field of vision, and do not cause physical pressure behind the ears.

2. Operational Safety and Limitations

- **NOT Personal Protective Equipment (PPE):** This product is strictly a driving aid for visual comfort. It is NOT certified industrial safety goggles. It does not provide protection against flying sharp particles, chemical splashes, or high-impact mechanical hazards.
- **Pre-Drive Technical Inspection:** Before every journey, inspect the lenses. If you notice deep scratches, cracks, or severe discoloration that distorts your view, stop using the glasses immediately. Scratched lenses scatter light and can increase glare instead of reducing it.

3. Maintenance, Cleaning, and Storage

- **Cleaning Instructions:** Clean the lenses regularly using a dedicated microfiber cloth and a mild optical lens cleaning spray.
- **Prohibited Substances:** Never use paper towels, tissues, or rough clothes to wipe the lenses, as they will scratch the surface. Do not use aggressive chemical solvents, acetone, or heavy household detergents.
- **Storage Warning:** Do not leave the glasses unprotected on the vehicle's dashboard. Direct sunlight through the windshield can cause extreme heat build-up, which may warp the polycarbonate frame or damage the optical coatings. Store them in a protective pouch or the glove compartment when not in use.

4. Disposal and Environmental Guidelines

- **Waste Management:** Worn-out or damaged glasses should be disposed of in accordance with local municipal waste regulations for plastics. They do not contain hazardous chemical materials or electronics.

PART III: COMPLIANCE & SUPPLIER IDENTIFICATION (GPSR)

This technical document has been prepared to fulfill the strict information requirements for products distributed within the European Union market under the General Product Safety Regulation (GPSR).

- **Distributor Name:** B.A.M. Andrzej Borowicz
- **Official Website:** www.bam24.pl
- **Compliance Status:** Product labeled with EAN barcode and distributor identification. Instructions provided in English for international supply chain transparency.