

# Driver•i Hub-X Auxiliary Cameras

## Technical Specifications

### Overview

Elevate your Driver•i® fleet safety system with Netradyne's Hub-X® auxiliary cameras. These rugged, high-definition cameras are powerful tools for proactive safety and legal protection that connect via the Hub-X for seamless, wireless integration with the family of Driver•i devices

Capture crucial video evidence to improve driver behavior, secure cargo, and gain indisputable documentation to protect your company from unwarranted claims and potential litigation.

Enhance driver confidence and situational awareness with an optional in-vehicle display, providing real-time visibility for safer maneuvering and increased peace of mind covering all angles, inside and outside your vehicles.

### Key Features

- **High-Definition Clarity:** Delivers crystal-clear HD video using AHD (Analog High Definition) technology over a reliable analog connection for consistent performance.\*
- **Ultra-Wide Field of View:** Provides maximum visibility for safer driving and reversing maneuvers.
- **IP69K-Rated Weatherproof Design:** Durable metal housing ensures resistance to water and dust for reliable operation in most weather conditions.
- **Superior Low-Light Performance:** Equipped with IR-CUT technology for clear visibility in low-light and nighttime conditions.
- **Easy Plug-and-Play Installation:** Utilizes standard 4-pin Aviation GX12 connectors for ease of installation.
- **Flexible Mounting Options:** Allows for versatile installation inside or outside of vehicles, wherever additional visibility is required.

\*Only applicable to NDR720PA and EXTCAMFENDR

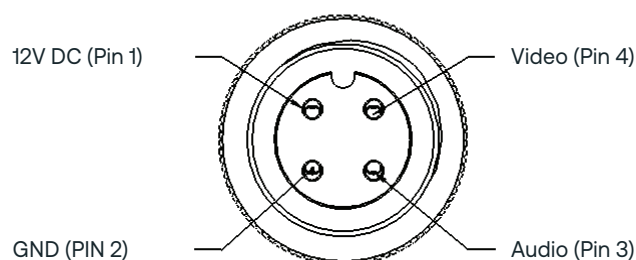
### Configuration Options

- 4 × AHD cameras
- 4 × SD cameras
- 4 × 480p cameras
- 2 × 1080p & 2 × 720p cameras
- 2 × 720p & 2 × 480p cameras
- 2 × 1080p & 2 × 480p cameras



### External Camera Connector

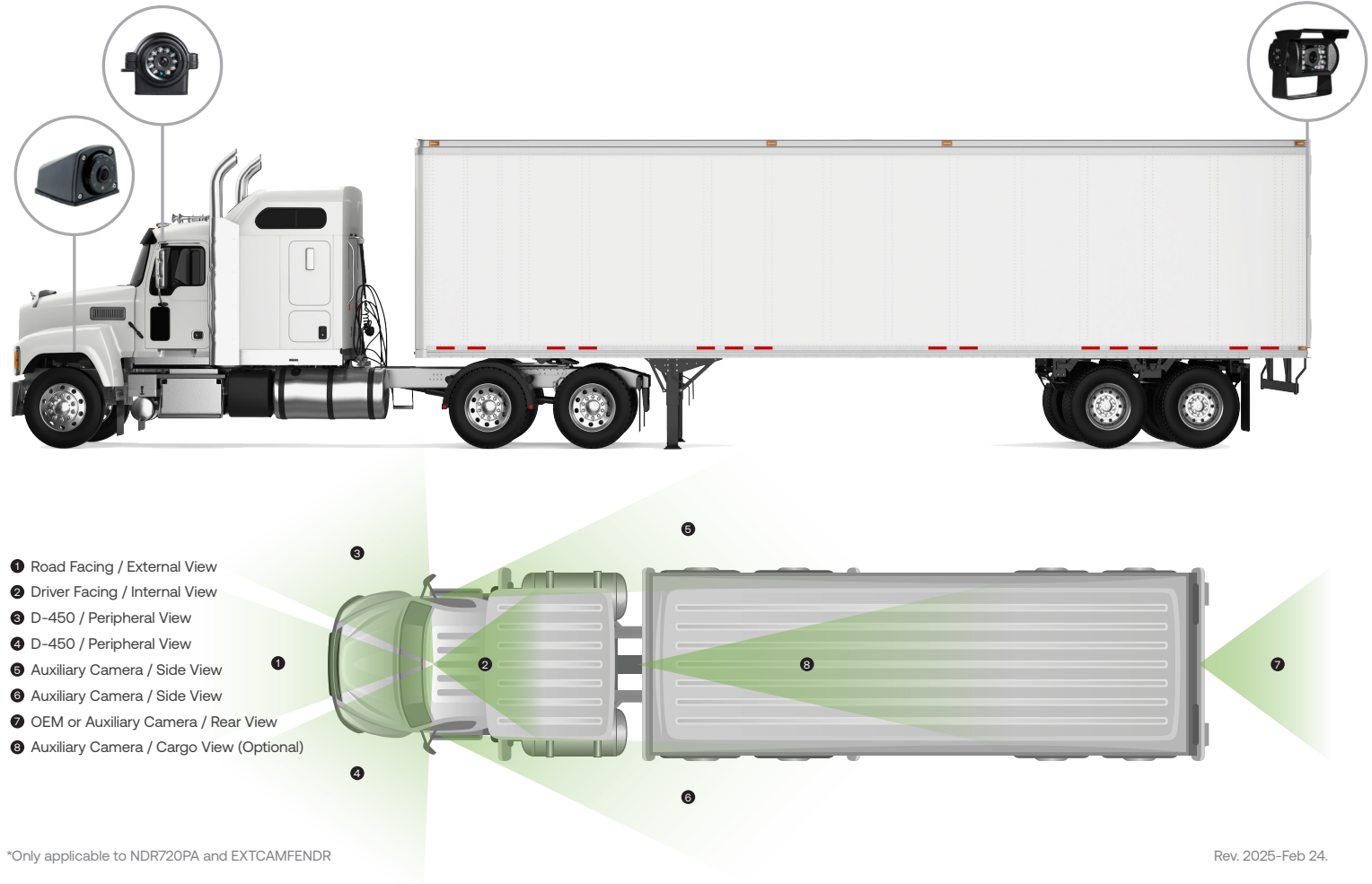
Female GX12 4-PIN Connector



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## Ideal Mounting Locations & Use Cases

Location	Use Case
Fender	Front/Side blind spot elimination, safer lane changes and turns
Side (Forward-Facing)	Blind spot monitoring during lane changes and turns, wide-turn visibility
Side (Rear-Facing)	Monitoring for approaching vehicles/pedestrians when backing up, observing rear area during operations
Rear (High)	Wide overview of the area behind the vehicle for safer reversing, especially for vehicles with frequent backing
Rear (Low)	View of low obstacles, assisting with hitching and aligning trailers
Interior Cargo (Forward)	Deter theft, monitor load shifting, document cargo condition
Interior Cargo (Door)	Security monitoring, delivery verification
Exterior (Specialized)	Monitoring valves, hoses, moving parts, hydraulic systems, work areas, towed vehicle, winch operations
Passenger Area	Monitor passenger behavior, provide evidence in case of incidents, observe driver interactions and safety protocol adherence
Fueling Area	Fuel theft prevention, compliance with fueling procedures
High-Risk Maneuvering Zones	Recording operations at loading docks, construction sites, documenting vehicle movements in congested areas for safety and liability purposes



# Technical Specifications



Model	NDR720PA	NDSQ720PC NDSQ720PL NDSQ720PR	EXTCAMFENDR
Resolution	720P	720P	720P
Sensor	Sony IMX307	Sony IMX307	Sony IMX307
Chipset	1/4" CMOS	1/4" CMOS	1/4" CMOS
Effective Pixels	1 MP	1 MP	1 MP

# Optical Performance

Field of View	110°	110°	150°
Light Sensitivity	IR-CUT	IR-CUT	IR-CUT
Minimum Illumination	0.01 LUX	0.01 LUX	0.01 LUX
Signal-to-Noise Ratio	≥48 dB	≥48 dB	≥48 dB

# Environmental & Physical

Operating Temperature	-20° C to +80° C	-20° C to +80° C	-20° C to +80° C
IP Rating	IP69K (The highest level of protection against dust and water ingress, including high-pressure, high-temperature spray downs.)	IP69K	IP69K
Housing Material	Metal	Metal	Metal
Dimensions	75 × 45 × 60 mm 2.95 × 1.77 × 2.36 in	72mm × 50mm × 92mm 2.83in × 1.9in7 × 3.62in	54mm x 68mm x 44mm 2.13in × 2.68in × 1.73in

# Power & Connectivity

Input Voltage	DC12V±5%	DC12V±5%	DC12V±5%
Connector Type	4-Pin Aviation GX12	4-Pin Aviation GX12	4-Pin Aviation GX12

# Additional Hub-X Accessories

7" LCD Driver Display: EXTMON407
9" LCD Driver Display: EXTMON409