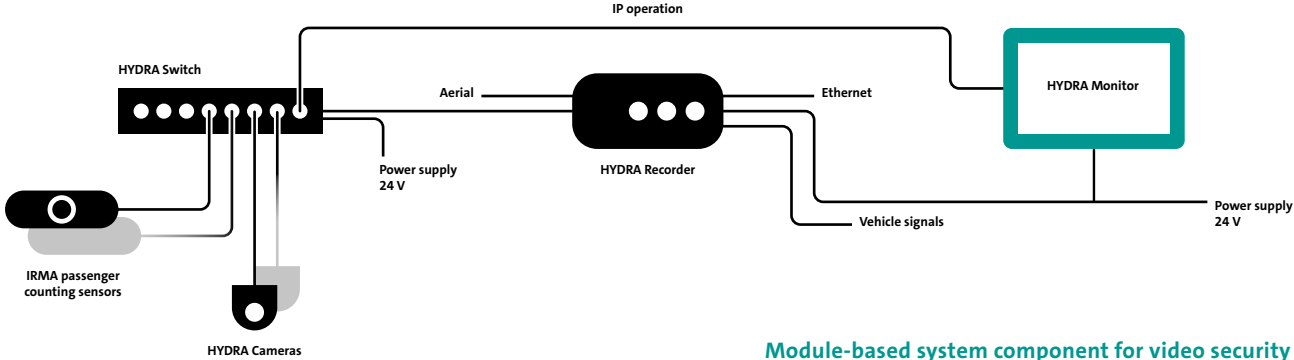# **HYDRA** Monitor 1

LCD network monitor

KEY FEATURES

- High-resolution digital TFT screen (HDTV 720 p)
- 10-inch
- Compact, robust and high-quality aluminium housing
- Maintenance-free with a long service life
- Easy to install and integrate

ADVANTAGES

IP technologies are constantly evolving. Using IP monitors in the vehicle ensures that the system is more compatible with future technologies and upgrades. In this way, IP monitors in vehicles offer a modern, flexible and powerful solution compared to analogue systems.

Module-based system component for video security

TECHNICAL DATA

Display

10.1-inch colour TFT LCD (active-matrix liquid crystal colour screen) with LED backlighting

Resolution

- Display: 1280 × 800 px
- Pixel size: 0.17 × 0.17 mm
- R.G.B. Vertical Stripe

Contrast & brightness

- 1200:1
- 300 cd/m2

Interfaces

- 1 × Fast Ethernet 100 MBit/s M12 D-coded
- 1 × power supply (4-pin format connection, 4-pin AMP)
- 1 × ignition (4-pin format connector, 4-pin AMP)
- 1 × digital general-purpose input interface
- 3 × GPI, galvanically isolated (6-pin format connection, 4-pin AMP)

Power supply

- Power supply: 24 V_{DC} nom. (18 to 32 V_{DC})
- Power consumption: 10 W nom

Housing

- No fan, with robust industrial design, anodised aluminium
- Shock resistance (housing): IK10
- IP protection class: IP42 (IP66 at the front)
- Dimensions (W × H × D): 240 × 168 × 29 mm
- Depth in outdoor area 10 mm
- Weight: approx. 1000 g

Display

- Chemically hardened glass, Vickers hardness grade: 626 HV 0.2/15
- Shock resistance: IK05

Ambient conditions

- Operating temperature: -20 °C to +60 °C
- Storage temperature: -30 °C to + 70 °C
- Humidity: 95% (non-condensing)

Software

- Standard video display application for HYDRA components
- LINUX-based

Conformities & certifications

UN/ECE-R 10, UN/ECE-R 118 2011/65/EU + 2015/863/EU (RoHS), 1907/2006/EC (REACH)