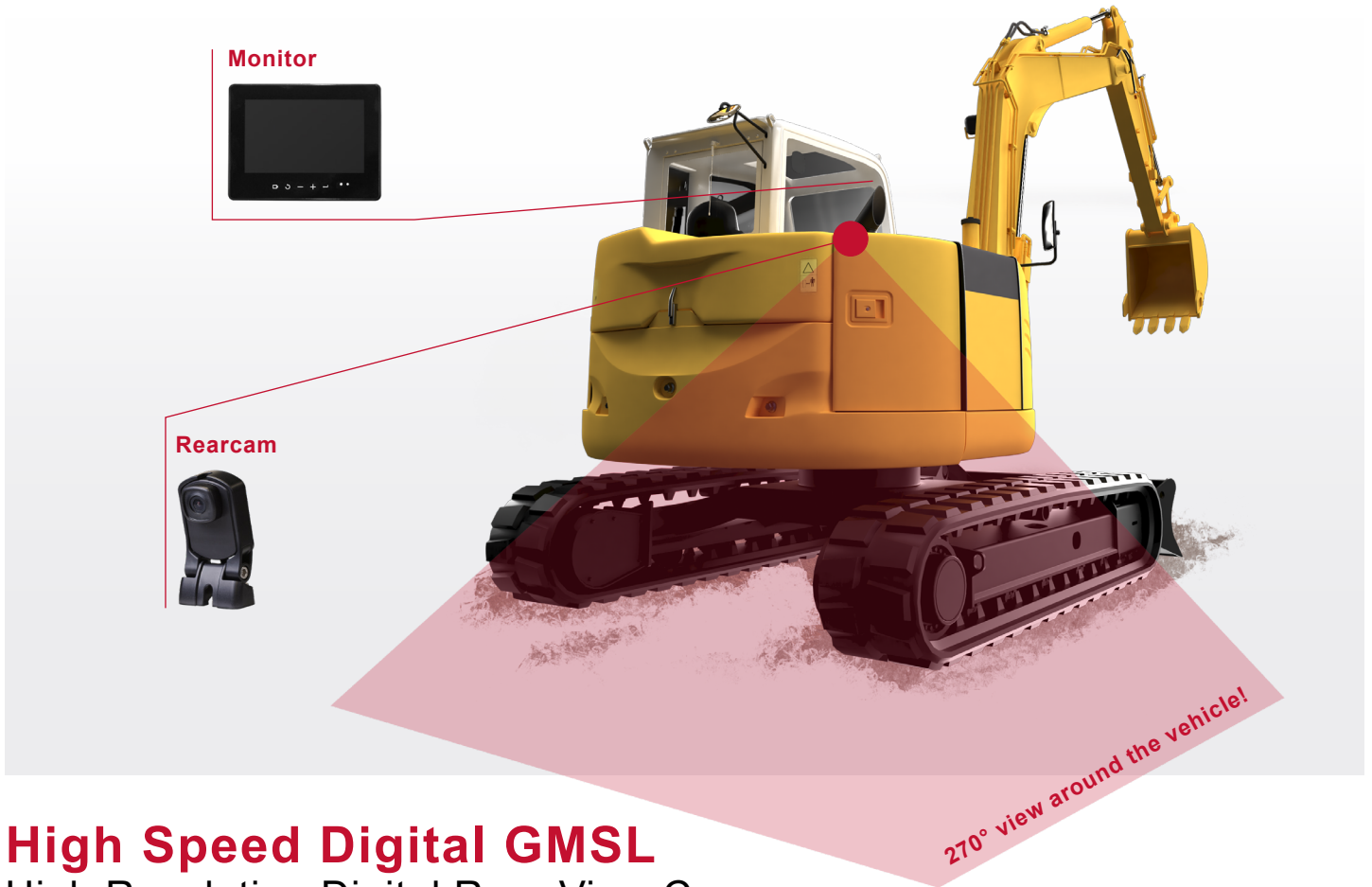


**Vision is  
our mission<sup>®</sup>**



**HIGH DEFINITION  
DIGITAL REARVIEW**



## High Speed Digital GMSL High Resolution Digital Rear View Camera

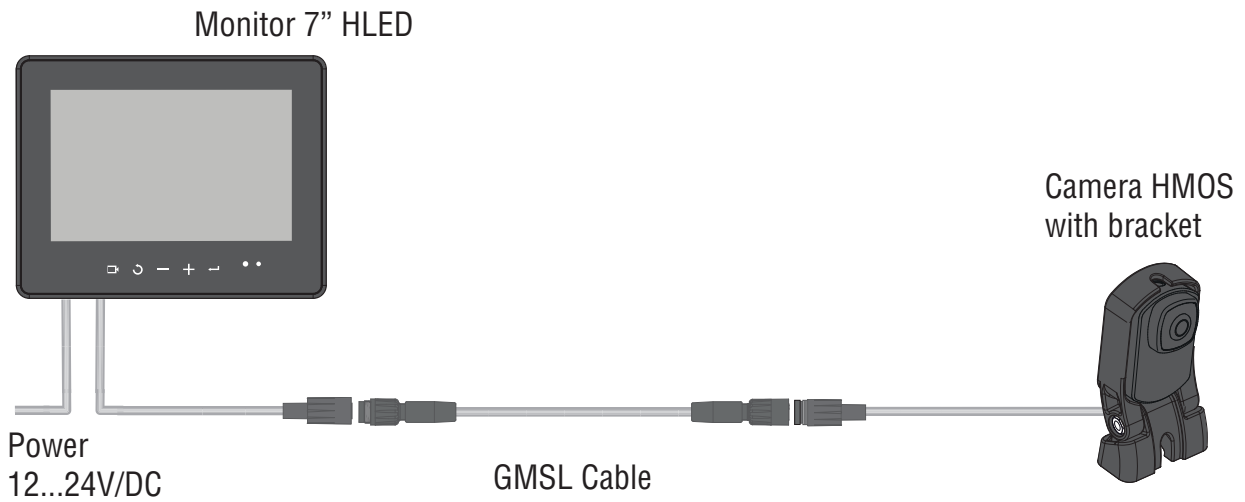
Get a visual on blind spots at the rear of heavy equipment with a no latency High Definition GMSL Rear View system. With a digital reversing camera on your machine, you gain a better view of the working area to the rear of the machine making it possible to drive more safely when reversing. Thanks to the higher resolution, the image quality is much better compared to an analog system. The system therefore improves safety even further.

- HD camera & HD 7" monitor
- Real time
- Improves ergonomics
- Save valuable time
- Increases safety
- Heavy-duty quality
- Shock and vibration proof
- Watertight IP67, IP69K
- Suitable for demanding of conditions

See more with a  
high resolution  
digital 270° view  
camera system



# System overview



## Shock-proof and vibration-resistant

A GMSL Rear View system consists of a HMOS digital camera, a GMSL cable and a 7" HLED monitor complete with mounting material. The shock-proof and vibration-resistant system is waterproof and delivers a real-time image in HD quality. The GMSL cables are ADR-approved, fitted with IP67 waterproof connectors and are resistant to oil and gasoline. With an operational temperature of  $-30^{\circ}\text{C}$  to  $+75^{\circ}\text{C}$  ( $-22^{\circ}\text{F}$  to  $+167^{\circ}\text{F}$ ), the high environmental protection and compact size makes this system a perfect fit for the demanding environments in which it will be used.

## What is GMSL?

GMSL stands for Gigabit Multimedia Serial Link and is a technology in which the video signal is sent digitally and compression-free over a coaxial cable. A GMSL camera has an image sensor of  $1280 \times 900$  pixels. Thanks to this higher resolution, the image is better than with an analog system. It provides a razor-sharp view of the area around a vehicle. With a GMSL system, the digital video signal is sent one-to-one and without latency to the monitor. This makes this digital technology ideal as a rear view on heavy equipment.





**Digital GMSL Camera HMOS**

- High speed Digital GMSL
- Lens angles: 30°, 60°, 90°, 120° & 180°
- Shock proof and vibration resistant
- Watertight IP68, IP69K
- -40°C / -40°F to +85°C / +185°F operating temperature



**Digital GMSL Monitor HLED 7"**

- Optical bonded panel with touch pads
- Improved Auto Brightness Control (ABC) including one-touch day-night setting
- Full On-Screen-Display (OSD) functionality in 15 languages
- Shock proof and vibration resistant
- -30°C / -22°F to +75°C / +167°F operating temperature



**Digital GMSL Monitor HLED 10"**

- LCD module with a white LED backlight
- Improved Auto Brightness Control (ABC) including one-touch day-night setting
- Full On-Screen-Display (OSD) functionality in 13 languages
- Shock proof and vibration resistant
- -40°C / -40°F to +85°C / +185°F operating temperature



**Digital GMSL HMOS Camera Switcher**

- Inputs and power supply for at the maximum of 4 Digicoax HMOS cameras, output for monitor
- Only powered by Orlaco Monitor HLED
- IP67, IP69K compliant
- -40°C / -40°F to +85°C / +185°F operating temperature



**Digital GMSL Standard & Dynamic Cables**

- EMC Screening
- IP67 waterproof connectors
- Oil and petrol resistant
- ADR approved
- -40°C / -40°F to +85°C / +185°F operating temperature



**Monitor Bracket**

- Suitable for Monitor 10" HLED and 7" HLED