

## **HMOS GMSL CAMERA**

ORL0185040 Camera HMOS 30°

- Compatible with Orlaco HD DigiCoax -series products
- Temperature range -40 °C...+85 °C
- Camera is potted with automotive potting resin
- Input voltage 12V/24V DC



## PRODUCT DESCRIPTION

The Orlaco HMOS GMSL Camera is a compact, industrial High Definition digital camera that can be used in all Orlaco HD GMSL vision solutions on machines, vehicles and vessels. The shock-, vibration- and 100% waterproof camera is contained in a special, adjustable bracket, which ensures that the camera can easily be mounted in any position.

Technical specifications:

- Input voltage 12V/24V/DC (powered by Orlaco HLED monitor)
- Connector Orlaco 4-pins + coax (GMSL) male
- Cable 0,5m multi cable
- Vibration resistance 50G
- Protection class Watertight IP68, IP69K
- Operating temperature -40°C to +85°C
- Housing Anodized Aluminium & High impact automotive synthetic thermoplastic polymer
- Weight 0,15kg (incl. cable and bracket)

## SPECIFICATIONS

Camera Angle	30
IP Class	IP68, IP69K
Material	Anodized aluminum
Supply Voltage DC Max	24 V DC
Supply Voltage DC Min	12 V DC
Temperature range from	-40 °C
Temperature range to	85 °C
Vibration Resistance	50G

## **ORLACO**

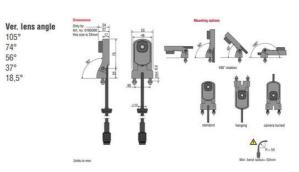
Camera HMOS Fr	ont side of Molded M16 4p + Coax connector:	Lens specified	Hor. lens angle	Ver. lens angle	Dimensions Only by 24 Art. no. 0185000 27	Mounting options
$4 \underbrace{\begin{smallmatrix} 3 & 2 \\ 6 & 6 \\ 5 & 0 \\ 5 & 0 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\$	1 = Black = OV   2 = Red = Power   3 = Yellow = Aux 1   4 = Grey = Aux 2   5 = Coax core = Video signal   6 = Coax screen = Video GND   Overall shielding connected to connector housing.	HMOS 180° DigiCoax HMOS 120° DigiCoax HMOS 90° DigiCoax HMOS 60° DigiCoax HMOS 30° DigiCoax	120° 90° 60°	105° 74° 56° 37° 18,5°	Ris save is 24mm	

Camera HMOS Front side of Molded M16 4p + Coax connector:



1 = Black	= 0V
2 = Red	= Power
3 = Yellow	= Aux 1
4 = Grey	= Aux 2
5 = Coax core	= Video signal
6 = Coax scree	n = Video GND
Overall shieldin	g connected to connector housing.

Lens specified	Hor. lens angle
HMOS 180° DigiCoax	< 180°
HMOS 120° DigiCoax	< 120°
HMOS 90° DigiCoax	< 90°
HMOS 60° DigiCoax	< 60°
HMOS 30° DigiCoax	< 30°



Units in m

R = 50