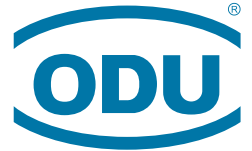


A PERFECT ALLIANCE.



ADVANCED CONNECTOR SOLUTIONS VISION SYSTEMS

High definition connector solutions

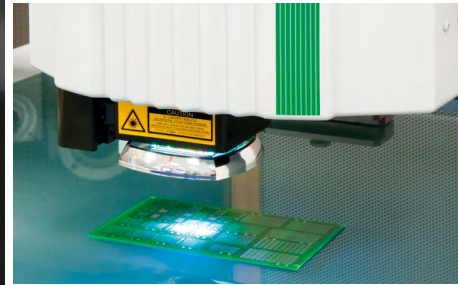
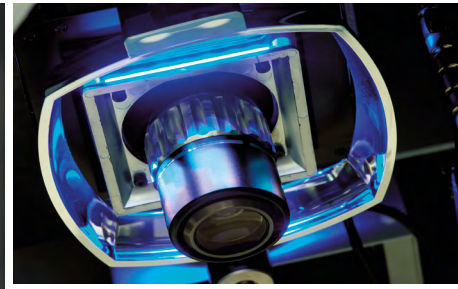


ADVANCED CONNECTOR SOLUTIONS VISION SYSTEMS

ODU connector solutions respond to an increased market demand for embedded vision, an increased use in robotics and a rising demand for non-industrial applications such as: medical imagery, security and surveillance, intelligent transportation systems and logistics.

The Advanced Connectors respond to all of the market requirements for vision systems:

- + Lightweight
- + Small & compact
- + Watertight protection
- + High-speed data transmission
- + Easy to use
- + Robust design
- + Cost effective cable solutions
- + Standard design for low cost integration



ODU Advanced Connector Solutions are ideal for vision systems used in market applications such as:

NON INDUSTRIAL VISION

- Broadcasting
- Biomedical/medical diagnostics
- Biometrics
- Defense/aerospace
- Environment/agriculture
- Microscopy
- Scientific/industrial research
- Surveillance/transportation

FACTORY AUTOMATION

- Automotive manufacturing
- Consumer goods
- Energy (oil, gas, solar, wind)
- Food and beverage
- General manufacturing
- Packaging
- Pharmaceutical/medical
- Robotics
- Semiconductors/electronics
- Turn-key vision systems
- Web inspection

CUSTOMER BENEFITS

- Fast sample availability
- Rapid prototyping & product development
- Competitive lead time
- Local one-to-one engineering support
- Cross-connector capability
- German engineered for over 75 years
- Cable assembly integrated solutions
- Factory direct

CERTIFICATIONS

- DIN EN ISO 9001
- IATF 16949
- DIN EN ISO 14001
- ISO 13485
- Wide range of UL, CSA, VG and DVA licenses
- UL certified cable assembly

ADVANCED CONNECTOR SOLUTIONS FOR VISION SYSTEMS

HARSH ENVIRONMENTS

ODU AMC® HIGH-DENSITY



KEY FEATURES

- Break-Away function for maximum safety
- High speed data transfer USB® 3.1 Gen 1, USB® 2.0 and HDMI®¹
- Operating temperature range from -51 °C to +125 °C
- IP68 (up to 20 m submersion)
- Up to 5,000 mating cycles durability
- Light, compact and easy to use
- Salt spray resistance
- Overmolded
- Turn-key solutions

HIGH-SPEED DATA TRANSMISSION

Size 00
USB® 2.0¹
480 Mbit/s



← USB® 2.0¹ →



Size 0
USB® 3.1 Gen1¹
5 Gbit/s



← USB® 3.1 Gen1¹ →



ODU AMC®



KEY FEATURES

- Push-Pull locking or Break-Away function
- Watertight protection class IP68 and IP69
- Various standard inserts available
- Lightweight, small and easy handling
- System solution – cable assembly and overmolding

NON-HARSH ENVIRONMENTS

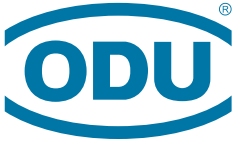
ODU MINI-SNAP®



KEY FEATURES

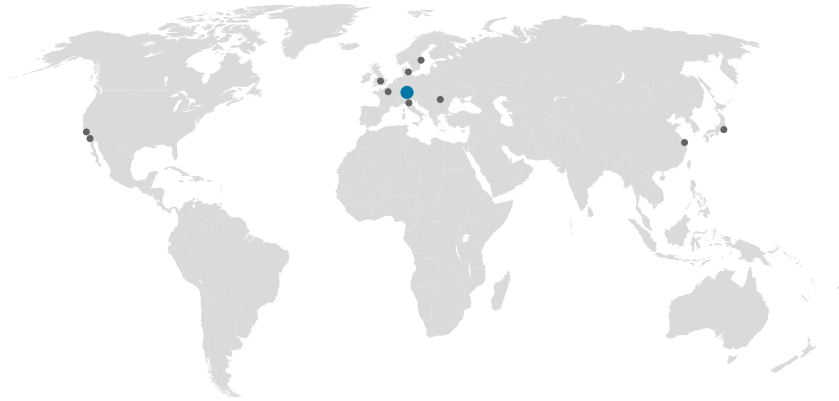
- Push-Pull locking
- IP50 and IP68
- Up to 5,000 mating cycles durability
- Easy to use
- Small & compact
- Safe & secure locking mechanism
- Various housing & contact inserts
- Field termination
- Crimp contact configurations available

¹These ODU specific connectors can transmit common data transmission protocols such as USB® 3.1 Gen1, USB® 2.0 and HDMI®, but they are not USB®- or HDMI®-standard connectors.



A PERFECT ALLIANCE.

ODU GROUP WORLDWIDE



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Romania ODU Romania Manufacturing S.R.L.
USA ODU-USA, Inc.
ODU North American Logistics



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