

# IMAGE INTENSIFIER TUBE OPS.4

**PHOTONIS**  
EXOSENS GROUP



**PHOTONIS IS THE LEADER IN DESIGN AND MANUFACTURING OF STATE-OF-THE-ART IMAGE INTENSIFIER TUBES FOR MILITARY AND COMMERCIAL APPLICATIONS**

Photonis is internationally recognized as a major innovator in the development of image intensifier tubes to meet the needs of operators.

Designed to serve armed forces to supply every soldier with a night vision goggles, the OPS.4 image intensifier tube is available in two performance levels. It offers essential image quality at a competitive price, making it the ideal choice for training and situational awareness. The OPS.4 is the smart choice for high performance at the right price.



**MIL-SPEC COMPLIANT**



**TWO LEVELS OF PERFORMANCE**



**ESSENTIAL QUALITY,  
WITHIN REACH**



**THE BEST COMPROMISE FOR  
SITUATIONAL AWARENESS &  
TRAINING**

## TECHNICAL SPECIFICATIONS

### OPS.4

|                                    | MINIMUM     | TYPICAL | MAXIMUM | UNIT  |
|------------------------------------|-------------|---------|---------|-------|
| FOM (Figure Of Merit) - 18mm (P43) | 1800        | •       | •       | •     |
| Signal-to-Noise Ratio              | 26          | •       | •       | •     |
| Limiting resolution                | 60          | •       | •       | lp/mm |
| Spottable                          | 002/123/123 |         |         |       |

### OPS.4+

|                                    |             |   |   |       |
|------------------------------------|-------------|---|---|-------|
| FOM (Figure Of Merit) - 18mm (P43) | 2100        | • | • | •     |
| Signal-to-Noise Ratio              | 27          | • | • | •     |
| Limiting resolution                | 64          | • | • | lp/mm |
| Spottable                          | 002/123/123 |   |   |       |

#### FAST AUTO-GATING DATA

|                                     |    |     |     |       |
|-------------------------------------|----|-----|-----|-------|
| High Light Level resolution (200lx) | 55 | •   | •   | lp/mm |
| Response time                       | •  | 0,2 | 0,4 | s     |
| Rise time Off-to-On                 | •  | 0,7 | 0,9 | s     |
| Input current                       | •  | 25  | 30  | mA    |

#### OTHER TECHNICAL DATA

|                       |                                             |    |    |       |
|-----------------------|---------------------------------------------|----|----|-------|
| Phosphor              | P43 - green (also available in P45 - white) |    |    |       |
| Operational life time | 10.000                                      | •  | •  | hours |
| Weight (18mm ANVIS)   | •                                           | 70 | 75 | g     |
| Weight (16mm)         | •                                           | 45 | 50 | g     |
| Shock resistance      | 500                                         | •  | •  | g's   |

**Photonis, worldwide night vision expert for more than 85 years**



**ITAR FREE**



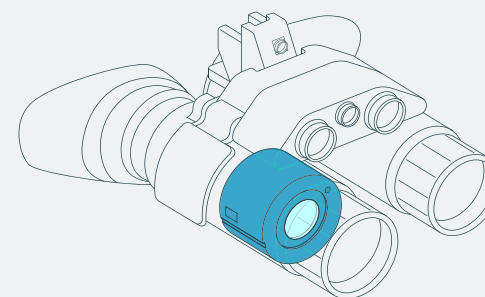
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**MADE IN EU**



**NV SALES REPRESENTATIVES ALL OVER THE WORLD**



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**EXOSENS**  
REVEAL THE INVISIBLE

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