

LED Micro SeaCam[®]

Miniature Camera with Built-in LEDs for Inspection Applications.



FEATURES

Miniature Video and Lighting System

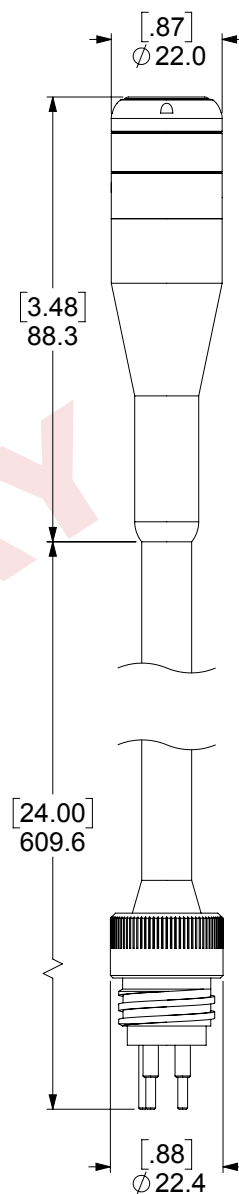
6,000 m Depth Rating

Sapphire Port

Crisp, Wide-Angle Image

LED Micro SeaCam®

| | LMSC |
|-------------------------------------|---|
| Optical Specifications | |
| Lens | 2.54 mm FL, f/2.6 |
| Focus | Fixed Focus |
| FOV in Water | 55° H x 40° V x 74° D |
| Video Specifications | |
| Image Sensor | NTSC: 1/3.6 in. CMOS PAL: 1/3 in. CMOS |
| Sensor Resolution | NTSC: 656 H x 492 V PAL: 768 H x 576 V |
| Measured Resolution | 540 TVL |
| Faceplate Illumination | 0.8 lux |
| Signal to Noise | 38 dB |
| Video Output | NTSC/PAL Composite Video (CVBS), 1.0 V p-p into 75 ohm, unbalanced |
| Environmental Specifications | |
| Depth Rating | 6,000 m |
| Thermal Protection | Yes |
| Operational Temp | -10° C ~ 50° C [14° F ~ 122° F] |
| Storage Temp | -40° C ~ 80° C [-40° F ~ 176° F] |
| Electrical Specifications | |
| Voltage | 8~13 VDC |
| Power | 2.2 W |
| Mechanical Specifications | |
| Housing | 6AL-4V Titanium |
| Port | Sapphire |
| Outer Diameter | 22 mm [0.87 in] |
| Length | 60 mm [2.36 in] to strain relief 600 mm [23.60 in] overall |
| Weight in Air | 101 g [3.56 oz] |
| Weight in Water | 50 g [1.76 oz] |
| Connector | |
| Default | SEACON MCIL4-MP |



[inch]
mm