



## Customer Specific Ruggedized Special Applications

type number 00657



### Main Feature:

The DIU control and display unit is designed especially for use in submarines.

### Technical Data:

Operating system:	Windows NT
CPU:	Intel® Mobile Pentium® up to 266 MHz
RAM:	up to 128 MB
Mass memory:	<ul style="list-style-type: none"> <li>■ flash memories in PC card format, which are operated in ATA mode</li> <li>■ up to 2 Gbyte memory possible</li> <li>■ hard disk up to 2 Gbyte (on request)</li> </ul>
Graphics:	<ul style="list-style-type: none"> <li>■ standard VGA graphics</li> <li>■ digital output for TFT display</li> </ul>
Monitor:	<ul style="list-style-type: none"> <li>■ 10.4" TFT color display</li> <li>■ display protected by a glass panel</li> <li>■ 800 x 600 pixels</li> <li>■ display brightness adjustable</li> </ul>
Status indicators:	LEDs for important system information such as ready status and malfunctions
Keyboard:	membrane keyboard with background light with numeric keypad
Standstill heating:	to prevent condensation, the device is heated when it is switched off
Power supply:	<ul style="list-style-type: none"> <li>■ internal 28 V DC power supply unit reverse polarity and transient protection for vehicle network according to VG96916T5 (w/o intermittent operation)</li> <li>■ EMC filter</li> </ul>
Housing:	aluminum housing
Weight / Size:	<ul style="list-style-type: none"> <li>■ approx. 7 kg</li> <li>■ approx. 300 x 295 x 76 mm (W x H x D), without connector protrusions</li> </ul>
Class of Protection:	<ul style="list-style-type: none"> <li>■ class of protection IP 54 according to DIN 40050</li> <li>■ EN60529, IEC 529</li> </ul>

By courtesy of ATM ComputerSysteme GmbH

Ask for further technical information!  
Functional or interface modifications can be realized on request. Each configuration change causes a new type number.