



*Intelligent Transport  
Critical Communication  
Emergency & Security*



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# DMI2177

DRIVER MACHINE INTERFACE DMI2177



The Driver Machine Interface DMI2177 is a multi-purpose control head for specific use in railway environments. The unit comes with an extraordinary design at a robust level and provides a capacitive color display and a non-reflecting glass surface.



The unit can be used for various operational purposes, e.g. for the control of Passenger Information Systems or as diagnosis display. The DMI2177 has been developed based on highest technical and environmental requirements for the Swiss Federal Railways (SBB). It fulfills highest demands regarding robustness and reliability. The screen of the DMI2177 is a 7 inch capacitive multi-touch color display with scratch proof glass surface which allows very sharp and high resolution images. For optimal brightness light sensors are used for optimal and automatic brightness adjustments based on the ambient light conditions.

A powerful ARM processor allows the client to use the unit for various purposes, such as video and audio streaming applications of CCTV. An additional SUB-D audio output that is supplied by an internal 5 Watt amplifier module allows the user to connect an additional loudspeaker. Fault diagnosis for the surveillance of system components is provided by SNMP. The unit has been developed according EN50155 and EN45545-2 and provides an M12-A power connector and an M12-D connector for ETHERNET. Software updates can be made in a customer friendly approach via USB or ETHERNET interface. This saves time during service and maintenance activities.

ErvoCom's new Driver Machine Interface DMI2177 provides high protection of investments for railway operators and train vendors since it is designed by using latest technologies. This allows our customers to implement future additional applications to enable any kind of graphic user interface styles.

## Advantages

- Multi-purpose HMI for controlling of various train on-board systems
- 7 inch color display with very good viewing angles
- Scratch-proof glass surface
- Non-reflecting surface with anti-glare filter
- Capacitive multi-touch screen
- Brightness sensor for automatic ambient light adjustment
- Robust aluminum housing
- EN50155 & EN45545-2 conformity
- Modern software update concept



## Contact

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