



# TMD-100

RS485 communication card with  
Modbus protocol

## Description

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The communication card TMD-100 allows the connection of the range of conventional CCD-100 power plants from Detnov for remote control of the main functions of the plant and integration with third parties using Modbus protocol.

## Features

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- RS485 network output
- Remote access and support over Modbus protocol
- Enable or disable control panel zones
- Enable or disable test zones
- Enable or disable outputs for TRD-100 and TSD-100 modules
- Check power supplier status
- Check auxiliary input status
- Enable or disable alarm relay
- Enable or disable fault relay
- Enable or mute sounders
- Check sounders status
- Check auxiliary 24V output status
- Allow reset control panel

## Applications

The TMD-100 communication card is the ideal choice for remote control of conventional CCD-100 power plants. It is ideal for the management of small, medium and large installations, such as: banking sector, retail, technical rooms, etc.

This card allows the installer the remote control of the conventional fire station. With the TMD-100 you can check the status of the zones, auxiliary inputs, power supply, sirens and expansion cards installed in the plant.

## Technical features

Network features	
Maximum nodes in the network:	32
Maximum distance between nodes:	1 km
Maximum network coverage:	32 km
Connections	
	2 x 1,5 mm <sup>2</sup> twisted and shielded cable
Environment	
Operating temperature:	From -10°C to +40°C
Relative humidity:	95% without condensation