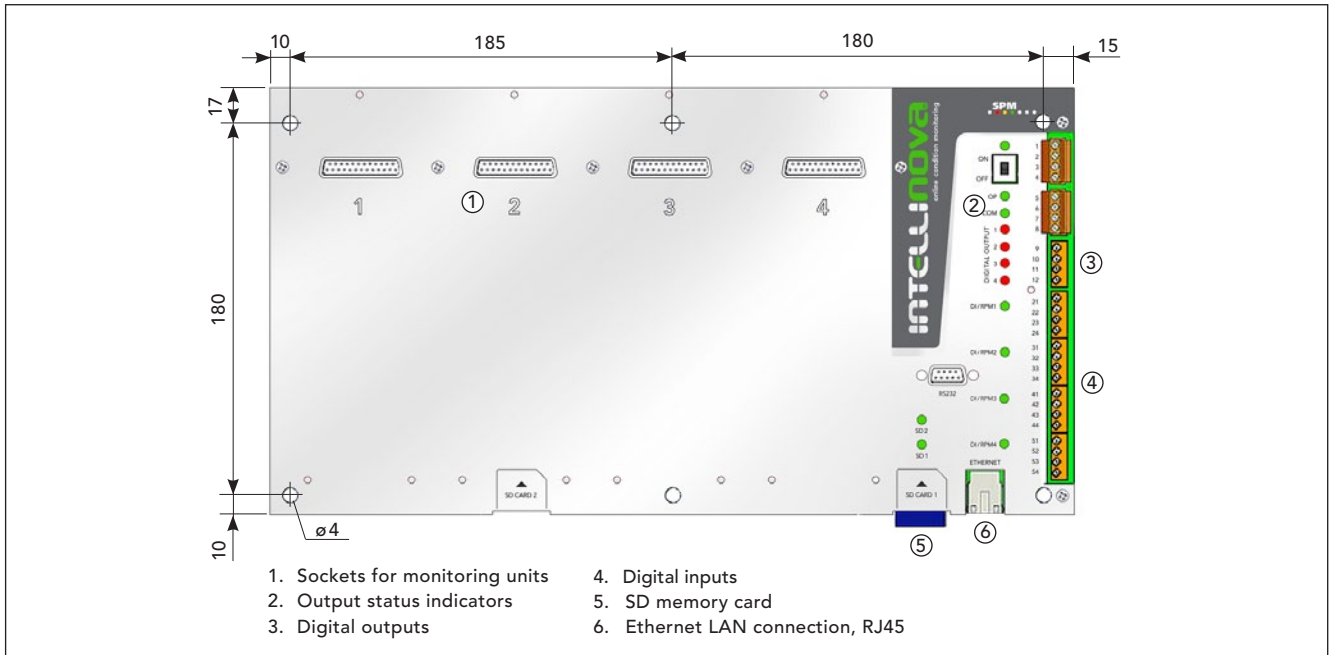


Intellinova® – Commander Unit



The Intellinova Commander Unit is a flexible and modular platform which controls and communicates with the monitoring units for continuous monitoring of machine condition. Up to four monitoring units with normally eight channels each can be plugged into the Commander Unit. Monitoring units are ordered separately and are described on the technical data sheets TD-272 to TD-275. Commander Unit INC40 is intended for mounting in standard Intellinova cabinets and Commander Unit INC41 is intended for mounting in 19" subrack INO24.

The Commander Unit is equipped with multiplexing measuring logic, alarm, storing and analysis logic. It is connected via standard Ethernet in a LAN network.

The unit has four digital outputs for connection to PLC or via external relays to machine stop, external warning lamp, etc. Up to four RPM transducers can be connected and linked to measuring assignments set up in Condmaster®Nova.

The communication program LinX transmits measuring assignments to and reads the results from the Commander Unit, and controls the measuring operations, data processing and storage. A service laptop with the Field Support Software (FSS) can be connected for service and setup via an Ethernet port. Data access to process and control systems can be implemented via OPC client/server technology. The unit can be used off-line and is equipped with SD memory card for buffering and back-up.

The measuring assignments are set up in Condmaster®Nova running under Windows. Condmaster also handles portable SPM dataloggers and existing SPM online systems. SQL Server is used as database handler.

Technical data

Monitoring units:	sockets for 4 monitoring units
Digital/RPM inputs:	4 channels
RPM transducer type:	proximity switches, supply 12 V DC
RPM measuring range:	1 to 120 000 rpm
Digital output:	2 status and 4 user configurable
Memory:	SD card, 2 GB
LAN interface:	Ethernet TCP/IP, 10 Mbps, RJ45
Power supply:	18 to 36 V DC, nom. 24 V DC
Power consumption:	max. 21 W (6 W available for rpm transducers), typical 3 W without measuring units and rpm transducers
Operating temperature:	0 to +60 °C (32 to 140 °F)
Storage temperature:	-20 to +80 °C (-4 to 176 °F)
Relative humidity:	10% to 90% (non-condensing)
Dimensions (w x h x d):	390 x 207 x 40 mm (15.4 x 8.2 x 1.5 inches)
Weight:	approx. 750 g without monitoring units

Part numbers

INC40	Commander Unit for standard cabinets including mounting screws with spacers and 2 screw terminals for power supply and status indicators
INC41	Commander Unit for 19" subrack INO24 including mounting screws with spacers and 2 screw terminals for power supply and status indicators

Accessories

93384	Screw terminal, 4 pins, for connection of digital inputs/RPM and digital outputs
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