PATENT INFORMATION - AU Pat App No. 2016902308



READER: Technical Specifications

Pinssar's READER is a ruggedised real-time smart monitoring device to sample diesel particulates.

Air Monitoring Technology

DPM Reader



Dashboard

Pinssar's Dashboard is included with each Reader. It is an easy to use and configurable user interface. It records and displays samples from the Reader in terms of values as well as internal diagnostics. Functions include:

CONSOLE	: Tabulates samples for the current shift and previous shifts.
READER STATUS	: Indicates if power is on and or the communications are not active, or
	operating as intended as well as the status of the internal components.
READER MAP	: Records the location of each Reader.
CHART	: A real time visual display of samples.
ADMINISTRATION	: Provides installation and site configuration details

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Technical Specification for DPM READER			
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READER: Technical Specifications



Reader - Collects samples and pushes data to the AAMS Dashboard repository on the server.

LAN/WAN - The Reader then communicates with the AAMS Dashboard on the server direct connect. (LAN/Wireless) via the web from any remote location. Many protocols are supported including ethernet - TCP/IP and MODBUS.

AAMS Dashboard - SERVER - The dashboard has both server and end-user client applications.

the server has a light footprint embedded - relational data base repository (SQlite).

Other commercially available RDBMS are also supported on appliction.

Client - Users access the system via web browser. A range of user interfaces are supported on computers/laptops

(PC and Mac) tablets (Android and Apple) and all printer types.

MODBUS/TCP - This is the primary protocol supported when the Reader is directly connected to a SCADA/DCS system or PLC.

SCADA/DCS- The Reader by default uses Modus but it can be configured for different protocols if required.

Ordering Information

Each Pinssar Reader contains

Monitoring device Choice of communication interface Pinssar "Dashboard" Software for Windows[®] 7/10 Modbus mapping document available Customer Support and Maintenance Program including:

- Technical support: telephone & email
- 12 month warranty
- Annual calibration
- Break fix
- Upgrade program

For a detailed quotation: Call +61 7 3118 1733 Email sales@pinssar.com.au Time Zone: Brisbane, Australia (UTC+10:00)



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