IVDT
INTEGRATED VISUAL DATA TECHNOLOGY INC.
Solutions that lift your business

Daily Operational Activity Recorder

**Operational
Idling / Downtime Event**

Hydraulic Pressure Transducer
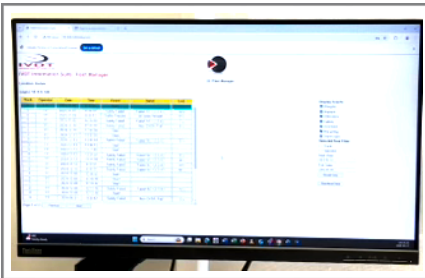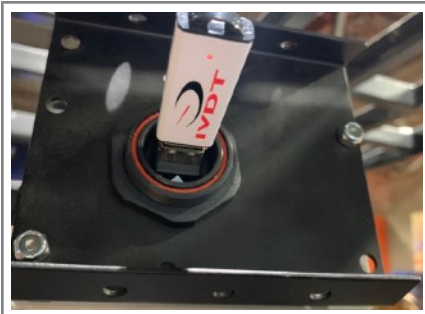
DIGITAL INDICATOR

- Operating voltage from 12 to 55 VDC
- Operating current 110 mA
- Technology, micro controller
- Real time clock
- Month / Day / Year LCD display
- Hours/Minutes/Seconds LCD display
- External Audio / Visual Alert
- USB port
- Measurement Rate: 16000 samples per session
- Relay 1, Alert for operator ID#
- Relay 2, Alert for Operational idling / downtime, impact and OSHA

LCD DISPLAY

- LCD display, 2 Lines x 16 characters
- Display size 68 x 27 x 11 mm
- Character size, 6,68 x 2.76 mm
- High contrast LCD super twist display
- Low operational temperature version

KEYPAD

- Keypad 16 key with tactile feedback
- Alphanumeric keys
- Sealed keypad, watertight
- Functions overlay
- Operating temperature: -20 C / + 50 C

ENCLOSURE & MOUNTING BRACKET

- Enclosure ABS, 120 x 80 x 55 mm with clear front plate
- NEMA Type 4X
- Two mounting vibration mounts Net Weight, 0.6 kg

PRESSURE TRANSDUCER

- Custom made hydraulic pressure transducer (Swiss Made)
- Port connection, male 1/4"-18 NPT
- Built in pressure snubber
- Reverse polarity protection
- Over voltage protection
- Short circuit protection
- Housing material, Stainless steel AISI 303
- Weight 95 grams
- Installation, unrestricted
- CE conformity, EN 61326-2-3
- Hydraulic pressure transducer kit with 3 wires cable. Part No. IPT-1500

* OPTIONAL HARDWARE

- Impact detection module
- High voltage module 80 V to 12V DC
- RFID operator ID# reader
- RF wireless communication module
- Onboard check weighing scale

SYSTEM RECORDING

- Real time clock
- Vehicle ID#
- Operator ID#
- Operator logged in start time
- OSHA / Pre-shift safety check

Fully Automatic *Operational Activity / Idling Within Utilization Factor* (Default factor is 80%)
- Unidentified operational idling
- Identified operational idling
- Five default valid reasons for justified idling / operational downtime events
* No Material
* Traffic Jams
* Scheduling Issue
* Storage Issue
*Unexpected delay

NOTE: All **UNIDENTIFIED** operational idling / downtime events are recorded **AUTOMATICALLY**.
With the LCD display showing to the operator **UNIDENTIFIED** time the operator has five seconds time out to change **UNIDENTIFIED** operational time to **any of five valid reason** for operational downtime task.

The status of unidentified or identified operational downtime in progress will be automatically cancelled upon resuming the normal vehicle operation.

DEVELOPMENT

The FeedBack development is based on Worldwide Patented Technology *(Load Handling Vehicle Monitoring System, Zeljko Ted Jurca)*

The key to increased forklift fleet utilization / operator productivity is not to relay on historical mostly irrelevant data collection but must to involve each forklift operator in self monitoring by showing them the actual operational status in real time during the normal operation.
In addition to the automatic recording to USB port of all events the FeedBack system application in any material handling operation will result in **immediate reduction of unidentified operational downtime events.**

ORDER NUMBER

*(Standard Stock Model **FeedBack-1**)*
- Keypad operator access
- External Audio / visual alert
- OSHA safety check session
- Automatic unidentified idling recording
- Automatic identified idling recording
- USB port
- Vehicle operation is not disabled