

# KEYTROLLER LED

## COLOR WIRELESS ACCESS-MONITORING SYSTEM



**Model 601**

### Features:

#### KEYLESS KEYPAD IGNITION

Driver presses START to start vehicle, STOP to shut down **NO KEYS!!**

#### AUTOMATION OF DAILY CHECKLIST

First start of shift requires operator to complete electronic checklist - failed critical items shut down vehicle

#### CRITICAL ITEM SHUT DOWN

If an operator "FAILS" a critical (flagged) item in the checklist, device will require immediate supervisor interface

#### ACCOUNTABILITY

Abusive operators will have impact and speed infractions recorded, also has shut down programming

#### WIRELESS WIFI

Standard—allows communication with wireless infrastructure for programming device and downloading event log data

#### SPEEDOMETER

Vehicles with speed sensor inputs will be able to view speed from color LCD display

#### SEAT BELT USAGE

When enabled, device can monitor and insure seat belt is buckled

#### TRAINING

Warns driver on LCD when retraining is due

#### AUXILIARY INPUT MONITORING

5 Auxiliary inputs for monitoring engine, seat, seat belt, overload etc.

#### EXTERNAL ALARM

120dB flashing siren alarm can sound after an impact or speeding through grace period

#### WARNING WHEN TRAINING DUE

Codes/cards can be set to expire warning management of recurrent training scheduling

#### "WORK" TIME EVALUATION

Hour meter for "moving time" or "Idle" or "pump motor" time vs "key-on" time

#### LOCK OUT

Supervisors and mechanics can lock out driver operators until machine is again ready for service

#### TEXT MESSAGING

When wirelessly enabled, manager can text message individuals directly from host PC.

#### EMAIL

Management can choose logged items to sent to multiple emails (like: hour meters, failed items, impacts, etc)

#### REPORTS + GRAPH GENERATION

All usage and driver events can be conveniently viewed using KEYPATROLLER client server software reports section



**Applications:** Installs ON ANY MAKE/MODEL gas, LPG, diesel or electric machine  
Forklifts, construction equipment, trucks, cranes, compressors, pumps or generators.

# KEYTROLLER

CREATING A CULTURE OF SAFETY



# 601 Wireless access--monitoring system for equipment

## Drivers Accountable For:

- \* Reckless driving and damage (impacts)
- \* Speeding over limit set
- \* Daily pre-shift checklist
- \* Equipment utilization + start--stop times
- \* Abandonment of vehicles
- \* "Work time" moving or idling

## Embedded WiFi Encryption

- OPEN ACCESS (no security)
  - WEP64 - WEP128
  - WPA1-PSK [TKIP]
  - WPA2-PSK [AES]
  - WPA1/WPA2 [AES]\*
- Optional External radio covers all

## KEYPATROLLER client/server software

- \* Provides wireless connectivity to each vehicle
- \* Driver db: ID, code/card, type, dept, exp date
- \* Vehicle db: Class, type, ID
- \* Settings for impact sensitivity, speed limit
- \* Completely customizable checklist
  - Daily, weekly or monthly
  - 1st start of shift, or 1st new driver
  - Time limit on completion--or shutdown
  - Time each shift begins
  - Critical item shut down if failed
- \* Email any item to any address
  - Like FAILED checklist or hr meter etc
- \* Text message individual vehicles in range
- \* Set training schedules and expiration dates
- \* Schedule maintenance by date or hour meter
- \* Filter and graph logged data by:
  - Event, date, time, vehicle, driver, class
- \* Export logged data to Access or Excel

## Specifications:

Supply voltage: 12VDC (converter for 24-36-48VDC)

Stand by current: 350mA w/radio on, "Asleep" 40mA

Temp range: -40 - 167F (-40 - 85C)

Water Immersion: IP -67 for weather extremes

Size: 165mmX95mmX57mm (6.5" X 3.75" X 2.25")

Approval: ISO9000--CE--RoHS

Wireless WiFi: Configurable encryption

Max relay contact current: 1A/12V

Endurance tested for:

- High + Low temp shock
- Overvoltage reliability
- High shock reliability
- Vibration reliability
- Condensation, salt spray reliability



Model: LCDH-601 (HID reader)

Model: LCDS-601 (STD reader)

## Both kits include:

- 1) Outdoor sealed keypad with color display
- 1) RFID card reader (specify type)
- 1) Relay sensor module with 5 aux inputs
- 1) WiFi radio with encryption set up

Optional: Impact sensing module

Adjustable mounting bracket

Voltage converter for 24---36---48VDC

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