

## OSDP Compliant R15, R30, R40, RK40, RKL55 iCLASS® Readers

### 13.56 MHz Contactless Smart Card Reader Open Supervised Device Protocol (OSDP)-Compliant

- ▶ **Enhanced User Feedback** – Powered by host devices, the LCD reader displays such information as current time, user name and system status.
- ▶ **Increase Security** – Reader device is supervised, reducing the risk of unknown tamper.
- ▶ **Save On Wiring** – Just two conductors versus five to six for audio/visual, supervision and data transactions (power excluded).



### ACCESS flexibility.

The Open Supervised Device Protocol (OSDP) provides an open and bi-directional communication link to HID iCLASS® readers. Implemented over a multi-dropped RS485 hardware bus, OSDP enables host controller reader behavior, including visual (LED) and audio (beeper) indicators, full LCD control (iCLASS RKL only) and polling for card reads. Perfect for enhancing a time and attendance system, the OSDP enabled iCLASS LCD reader enables such functionality as displaying a ticking clock, personnel information and system notifications for user interaction at the door.

The device's access control panel addresses between one and 128 readers on a single pair of twisted wire (power excluded) with standard RS485 wiring up to 4,000 feet, while controlling audio/LED indicators and polling for buffered card data and reader status (on-line/off-line). Additionally, the host device can control a real-time LCD display on iCLASS RKL55 (LCD), gather user input from LCD menu keys, display access control user data and much, much more.

- ▶ Works only with OSDP-compliant access control panels, reader interface boards and other host devices
- ▶ Available on iCLASS R15, R30, R40, RK40 and RKL55 terminal strip readers.
- ▶ Offers enhanced system features at a reduced installation cost
- ▶ Allows for component interchangeability
- ▶ Bi-directional protocol, unlike Wiegand
- ▶ Optimized for advanced user interaction by implementing use of LCD Keypad function keys
- ▶ Allows users to read cards and select function keys to arm and disarm intruder systems and login and logout of time and attendance systems
- ▶ Certifications - FCC, CE, C-tick (Australia, New Zealand), IC (Canada), SRRC (China), MIC (Korea), NCC (Taiwan), MIC (Japan)

**Are you a system manufacturer:** For more information on the open standards protocol, please contact customer service ([http://www.hidcorp.com/support/support.php?subcat\\_id=13](http://www.hidcorp.com/support/support.php?subcat_id=13)).

**Are you an Integrator, Dealer or End User:** For more information on compliant system providers and complete solutions, visit: <http://www.hidglobal.com/OSDPpartners/>