Honeywell

OmniClass™

Top Dealer Benefits of OmniClass

Next Generation Prox Control

For an access control application, OmniClass does everything that the older 125 kHz proximity control solution does, plus more. There is no difference to the installer, system administrator or user when used in an access control application.

Wiegand Output Wiring as Standard

OmniClass readers are installed like any other Wiegand output wired reader. These readers are perfect for new installations and retrofits.

Wiegand Card Data Formats

OmniClass credentials support formats like any other readers that support Wiegand card formats. Initial format offerings include a 26-bit format and a 34-bit format with both card numbers and site codes. The 34-bit format offers many more card numbers.

Virtually Impossible to Clone Cards

OmniClass readers and credentials use a strong 64-bit encryption algorithm to protect access to data in the card. This algorithm, which is transparent to user, makes it impossible for someone to intercept the RFID transmissions in order to clone cards. Interception of RFID transmissions is useless because the transmitted data is continuously changed by the algorithm.

Multi-Technology Cards

Multi-technology cards are available to help users manage migrations from older technologies, including HID proximity and magnetic stripe.

Secure Space for Other Applications

OmniClass credentials are called smart because they can have memory that can be used by other applications. Each memory location on the credential is secure like an independent safe and can only be accessed by the application that uses it. To support multiple applications, the credential must have a minimum of 16K memory.

Streamlined Biometric Reader Support

Because 16K and larger OmniClass credentials have memory on board, biometric readers can use some of this memory to store fingerprint and/or hand geometry templates. By storing biometric templates on the credential, it is no longer necessary to network biometric readers to a central PC or manually copy templates to Wiegandonly biometric readers. This not only reduces set up and maintenance time, but it also minimizes user concerns about the confidentiality of their personal data.