

DGLP

The auxiliary proximity reader has a built-in antenna and an RFID emission field of 125 kHz. When a proximity card or key fob is presented in front of the reader, the RF field activated the cob inside the card through a modulation. The reader converts then this modulation transmitted by the proximity card or badge into a binary signal and memorize it into a 10-digit code format. Once the control unit asks the reader if a badge has been read. It replies by transmitting the code to the control unit. Then the proximity reader waits for the badge to be removed to stop the reading and reset itself.