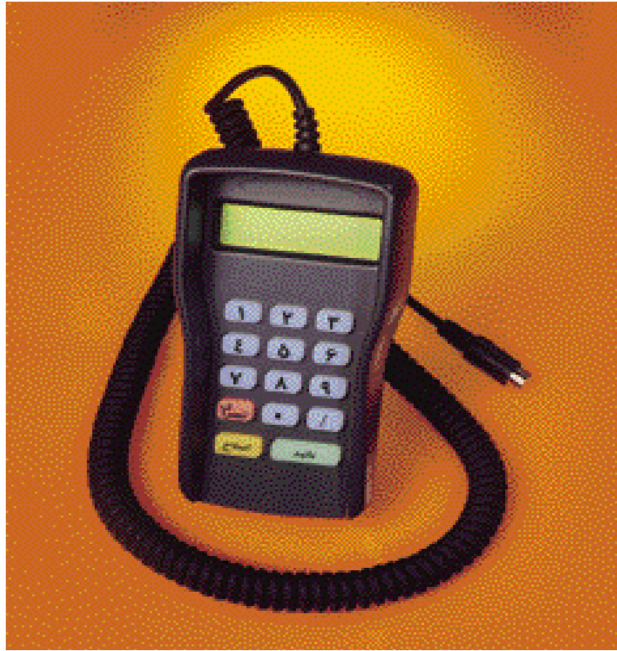


POS-MASTER PIN PAD

CHIP and PIN



Introduction

NanoGlobes (NGL) PIN Pad has been designed to interface to the Pos-Master System. It is used by the customers for authorising credit or debit card transactions by inputting their PIN number using the keyboard on the PIN Pad. NanoGlobes PIN Pad has a graphic LCD display for displaying the amount of money involved in the transaction or any other information in a selection of user languages. NGL PIN Pad facilitates implementation of CHIP and PIN systems.

The PIN Pad keyboard has 14 keys allowing

numbers from 0 to 9 as well as Cancel, Clear and OK to be keyed. NGL EPOS PIN Pad connects to the Pos-Master system by means of an integral coiled cable.

In order to provide added security the keyboard is shielded by a small wall surrounding the keypad from three directions. This ensures confidential PIN number entry onto the pin pad keyboard.

Technical Specifications	
Processor	8051 compatible 8 bit micro controller 24Mhz
Display	122 x 32 pixel graphic LCD display with viewable area of 52.4 mm X 13.7mm
Keypad	14 keys
Size	135 mm X 80mm X40mm



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