



## DISCOVERY SG-20

**The Discovery SG-20 is a second-generation customer information terminal**

In this information age, shoppers want timely and instant access to any kind of product related information. The Discovery SG-20 is an user friendly system that provides an excellent scanning performance in combination with a large and full graphical LCD display to ensure an easy communication. The Discovery helps to sustain and increase the relation with the customer and enables the retailer to effectively provide additional information and services. The customer can retrieve specific information on actual pricing of products, total sum of purchases, bonus points status, discounts and special offers.

**SCANTECH ID**

## Interactive shopping experience

By simply scanning a barcode on the Discovery, shoppers can view any information on any product in any area of the shop from price checking, displaying lists of ingredients or in-depth product related information.

## "One-to-one" communication

In barcode based loyalty programs shoppers can read their bonus level in real time. Special applications enables the retailer to present personalized offers starting a "one-to-one" relation with its loyal customer.

## Customer relation management

The Discovery identifies the shopper by his customercard and challenges him to give information as well as receive it. Interactive communication leads to solid customer profiles and shopping preferences. This way database marketing, on small or large scale, is made easy.

## Endless possibilities

Applications can be developed to serve the retailer specific need in interaction with shoppers; as part of a self check-out, display inventory for product availability, display product information and others.

## "Thin client"

With the Discovery Scantech created a Thin Client product which can be easily configured, programmed and maintained from a remote location or at the retailer's server. It is possible to operate 32 Discoveries on one location operating hardwired or wireless.

## High Touch design

The High Touch designed product has a high customer appeal; a bright full graphical display, a simple and transparent user interface with 4 free definable buttons and omni-directional barcode scanning functionality.

# DISCOVERY SG-20 specifications

**Display** full graphical display featuring a clear back light and 8 character lines [240 x 128 LCD-CCFL]  
**Barcode engine** Scantech barcode scanner  
**Operating tools** I or U-start; easy-to-use configuration and demo tool. Free application software plus Ethernet driver  
**Programming** advanced possibilities for programming messages and showing bitmap pictures of products and company logo on the display  
**User interface** 4 free definable buttons to select information • calculate [add up, grand total, etc.] and make system settings • integrated beeper  
**Interfaces** 1 parallel • 2 serial ports  
**Interfacing** RS-485 multi-drop network • RS-232/ RS-422 point-to-point connection  
**Compatibility** network version downwards compatible with installed base of SG10  
**Optional Interfacing** Standard Ethernet/TCP/IP communication - WiFi IEEE 802.11b/g with WEP128 or WPA encryption  
**Extension possibilities** chip/smartcard reader • magnetic swipe card reader • laser gun link to scan large objects • printer link for bonus- and coupon tickets  
**Power** power supply • 100-240 Volt • incorporated  
**Physical installation** easy-mount installation frame with locking feature  
**Dimensions** depth: 100 mm • width: 181.5 mm • length: 298 mm • weight: 1,5 kg  
**Optical performance** scan pattern: omni-directional • 20 scan lines • 1350 scans/sec.  
**Barcode decoding** EAN/UPC/JAN: EAN-8 and EAN-13 UPC-A and UPCE • JAN-8 and JAN-13 • 2 and 5 digit add-on • industrial codes: interleaved 2 of 5 • code 128 • code 93 • codabar • code 39 • MSI/Plessey  
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