

## 8,4” TFT Monitor for ATMs



### **General :**

This built-in monitor is a special solution for change cathode ray tube monitors (CRT) and is both in standard type and in transreflective panel version available

The transreflective monitor is based on the newest state-of-the-art technology in the market. This solution offers a reflector that is behind the real LCD segment, which reflects the complete incoming light from the front side.

The reflecting brightness from inside depends on the brightness from outside.

-> Higher sunlight – better clearness of the display !

This display technology is an absolute alternative to the previous sunlight monitors, with the following additional assets:

- low power usage (because normal background lighting)
- no automatic control of the background lighting necessary
- longer life cycle, because less sensitive technic
- lower pricing, because of lower technical investments

### **At present for following models insertable:**

- Wincor Nixdorf CSC 4xx and ProCash 400
- NCR 56xx and 58xx
- IBM 473x and 478x
- Diebold 10xx ix (10")
- Diebold Hector 6810
- Diebold BQ 1410

The monitor set is complete with fittings – the time work for change the CRT monitor locally is amounting to max. 20 minutes -> plug and play !

**Technical Data****TFT-8,4 inch****Display:**

Display size

Brightness

Contrast

**Standard**

8,4"

400 cd/m<sub>2</sub>

500:1

**Transflective**

8,4"

600 cd/m<sub>2</sub> (Basic)

similar as 1200 cd/m on sunshine

700:1

**Input signal:**

Videonorm

H. frequency

V. frequency

Sync. signal

Pixelclock

Colours

VGA RGB analog

31 - 35 kHz

50 – 75 Hz

H/V seperated, TTL level

max. 30 MHz

6 bit per colour

VGA RGB analog

31 - 35 kHz

58 - 62 Hz

H/V seperated, TTL level

max. 30 MHz

6 bit per colour

**Resolution timings:**

max. 800x600 pixel

max. 800x600 pixel

supports: DOS / VGA / SVGA / XGA

**Adjustments (OSD):**brightness, contrast, horizontal position, vertical position,  
default; settings saved automatically**Connections:**

Signal input

-&gt; 15 pol.SUB-D

-&gt; DVI

Power

230 V / AC - rubber connector

Power consumption

approx. 30 W / transflective: approx. 40 W

Power management

background lighting is switched off by missing video signal

**Operating conditions:**

Operating temperature: 0° - 50°C (32° - 122° F)

**MTBD:**

Background lighting approx. 50.000 hours / 25°C (77° F)

**Weight:**

approx. 3,5 Kg (7.7 lbs)

**Manufactured according to:**

EMC: EN55022, EN55024, EN61000; CE-conform: EN60950

**Delivery volume:**

8,4" chassis with monitor fittings

**Optional:**

Privacy filter (LCF)

**Warranty:**

24 month

**Versions:**

WNI ProCash 400 / CSC4xx

NCR 5670 / 5870 (S70)

NCR 5684 / 5884 (S84)

NCR 5885 (S85)

IBM 473x + 478x

Diebold 10xxix (10")

Diebold Hector 6810

Diebold BQ 1410