

## 8,4" TFT Monitor for ATMs



### Series: TFT-8-GAA

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

The transfective 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:

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

### At present for following models insertable:

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

#### Display:

	Standard	Transflective
Display size	8,4"	8,4"
Brightness	400 cd/m <sup>2</sup>	600 cd/m <sup>2</sup> (Basic)
Contrast	500:1	700 : 1

#### Input signal:

	Standard	Transflective
Videonorm	VGA RGB analog	VGA RGB analog
H. frequency	31 - 35 kHz	31 - 35 kHz
V. frequency	50 – 75 Hz	58 - 62 Hz
Sync. signal	H/V seperated, TTL level	H/V seperated, TTL level
Pixelclock	max. 30 MHz	max. 30 MHz
Colours	6 bit per colour	6 bit per colour

#### Resolution timings:

Standard	max. 800x600 pixel	max. 800x600 pixel
Transflective		supports: DOS / VGA / SVGA / XGA

#### Adjustments (OSD):

brightness, contrast, horizontal position, vertical position, default; settings saved automatically

#### Connections:

Signal input	-> 15 pol.SUB-D -> 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:

Type of monitor	Standard	Transflective
WNI ProCash 400 / CSC4xx	008-N0-R10-P400	008-T0-R06-P400
NCR 5670 / 5870 (S70)	008-N0-R10-5670	008-T0-R06-5670
NCR 5684 / 5884 (S84)	008-N0-R10-5884L	008-T0-R06-5884L
NCR 5885 (S85)	008-N0-R10-5884L	008-T0-R06-5884L
IBM 473x + 478x	008-N0-R10-1071	008-T0-R06-1071
Diebold 10xxix (10")	008-N0-R10-1071	008-T0-R06-1071
Diebold Hector 6810	008-N0-R10-6810	008-T0-R06-6810
Diebold BQ 1410	008-N0-R10-1410	008-T0-R06-1410

Date: 01/2010