CCTV
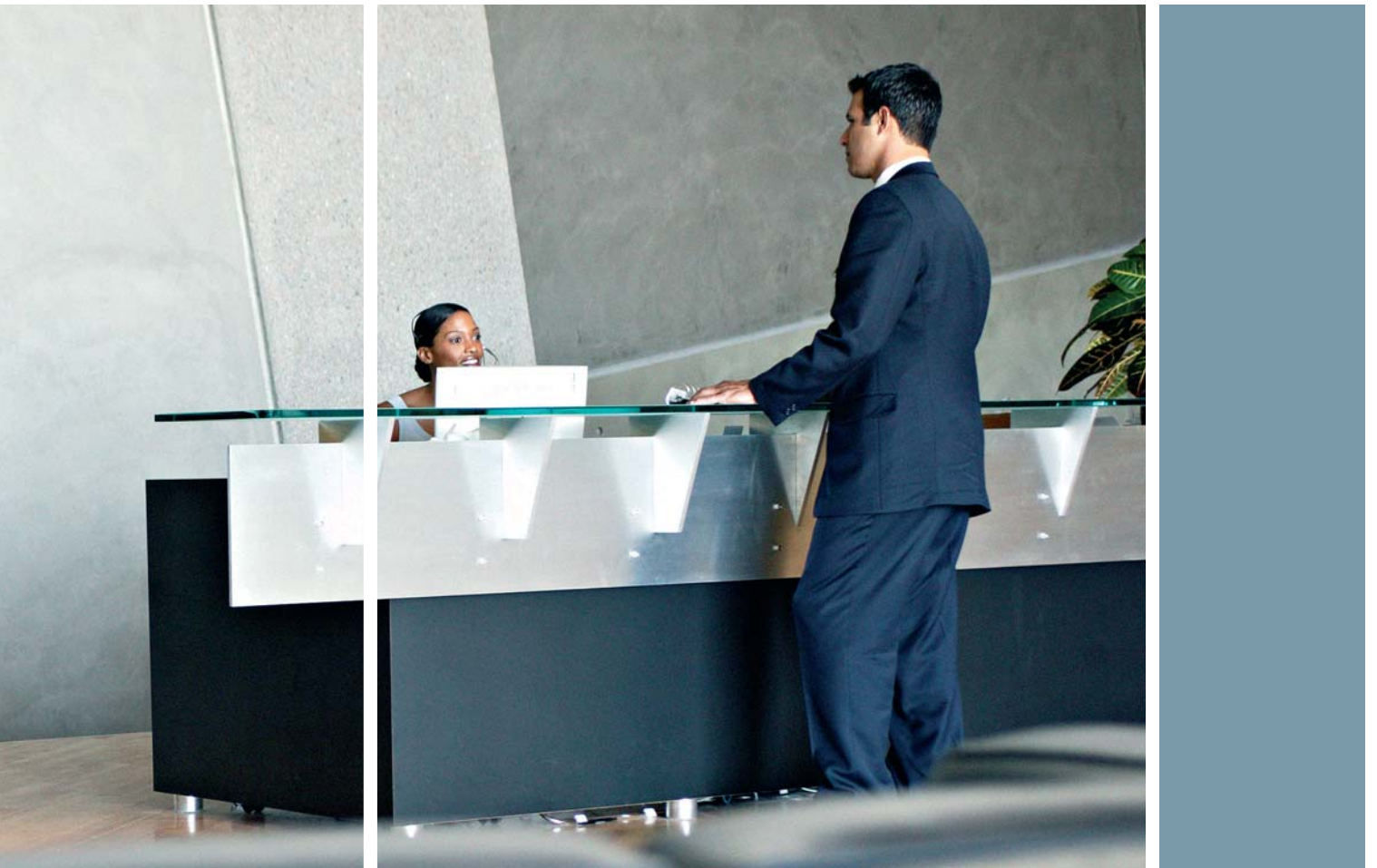
Security monitors –
for every viewing need

Answers for infrastructure.

SIEMENS

Viewing the best pictures

Monitors from Siemens feature a great value and performance. The TFT range offers a comprehensive choice of colour monitors in various sizes to cover virtually any video surveillance application, where a good picture quality and high levels of performance are required. The TFT models offer unbeatable performance and are sure to impress!

Powerful monitors with excellent characteristics

■ **Comprehensive range TFT monitors**
A choice of compact-sized TFT monitors offers 7 models, in sizes ranging from 15" to 19". The TFT range comprises the Premium line in metal housing and the Standard and Eco lines in light polymer housing.

■ **Outstanding display of pictures**
This range of professional quality monitors provides sharp, crisp images, particularly suited to monitoring tasks where the best picture quality and reliability are essential.

■ **User-friendly controls**
The TFT controls are user-friendly and simple to understand, and they all are accessible from the front. Additionally the Premium range models feature built-in easy carry handles.

■ **TFT monitors specially designed for video surveillance installations**
The Siemens range of TFT monitors have been both designed and manufactured to the most exacting security specifications.

These monitors are suited for brightly-lit applications where rooms containing strong light require very high screen brightness, high contrast and high resolution, plus a wide viewing angle.

■ **High-quality Premium TFT range in metal housing with glass front**
Integrated into a metal housing, the screen is protected by a glass pane and offers an anti-glare coating. These monitors feature two looped through BNC inputs, a DVI input, variable picture-in-picture function, smaller desk space, detachable stand for easy wall mounting and longer screen life time than conventional monitors.

■ **Attractive Standard line TFT monitors**
Featuring two BNC inputs, two audio inputs and outputs, with glass front, the Standard line TFT monitors are specially designed for standard security applications, still requiring a TFT monitor to produce a great picture, but not requiring the other industrial-like qualities of the Premium line TFT monitors.
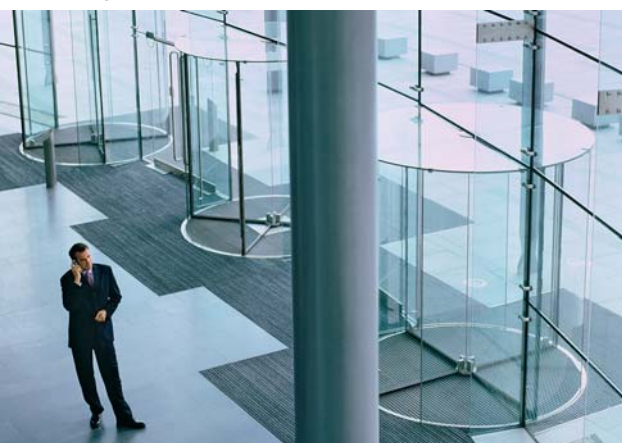
■ **Eco line TFT monitors**
In light polymer housing, these monitors utilise one BNC video input, an S-VHS and a DVI input, allowing a connection to only PC-based systems, still ensuring a good picture quality and required reliability.

Highlights

■ Comprehensive range of TFT monitors for any video surveillance application

■ Stylish design and outstanding display of pictures

■ Usage in brightly-lit applications

■ For installations with combined use of DVRs or PCs

■ High-quality Premium TFT range suited for demanding industrial applications

■ Attractive Standard and Eco line TFT monitors

Foyers

Hotels

Excellent image reproduction with high brightness and resolution for various security applications

Attractive design and outstanding quality

■ The role of monitors

Every video surveillance system is only as good as its poorest component. For instance, the expense of fitting low-level lighting and installing superior cameras will be totally wasted if the images are viewed on poor quality monitors. It is vital to choose the correct monitor for each security installation to ensure the scene being viewed is presented in the best and clearest possible way.

■ Stylish

Quality is represented in both the picture display and the stylish design. All monitors have been designed to fit in any environment, be it a security control room, a manager's office, or a reception desk.

■ Powerful features for Premium TFT range

Due to the remote control with coding all monitors of e.g. a monitor wall can be programmed by one single remote control. As different users often prefer different settings of a monitor, for the contrast, brightness etc., these can be personalised, then stored and recalled using memory buttons. The control buttons on the monitor can be password-protected to prevent unauthorised persons from changing the settings.

Monitors showing the same picture for a longer period could have burn-in effects especially along sharp contrasts. The monitors feature an auto image moving function that avoids burn-in effects by minimum, indistinguishable movements.

■ Picture-in-picture functionality

The Premium TFT range features an improved picture-in-picture function, allowing simultaneous display of two video inputs. One of the video input sources can be placed anywhere on the screen in a smaller resizable window, over the main picture.

■ Optimised display of motion

To display vehicles and other moving objects clearly and sharply the Premium monitors use motion adaptive de-interlacing that minimises shaking and blurring in a picture and makes sure that the details of objects and people are better visible.

Working and viewing cameras at the same time

Standard TFT monitors with glass front

The stylish Standard range of TFT monitors features a durable polymer plastic housing and are applicable for PC-based applications with 2x BNC, S-VHS and DVI inputs. The monitors have excellent image reproduction with high brightness and resolution.

Eco TFT monitors in an attractive, light polymer housing

The 17" and 19" Eco TFT monitors have been designed for those applications not requiring the industrial-like quality of the other TFT monitors in the range. However, they still boast a very stylish design constructed with highly durable plastic polymer, together with great picture quality, SXGA display resolution and a wide viewing angle. Features still include a dedicated BNC, S-VHS, DVI and audio input, plus integral speakers controlled via on-screen display menus. Detachment of the base is made even easier via the spring-clip base, so no tools are required.

Highlights

- Stylish design
- Remote control with coding possibilities
- Password-protected control buttons
- Picture-in-picture functionality
- Optimised display motion
- Excellent image reproduction with high brightness and resolution

BNC rear panel of TFT

Standard line TFT monitor

Eco line TFT monitor

Stylish designed monitors available in various screen sizes

Monitors suitable for all security applications

The TFT range for any video surveillance requirement

The Siemens range of TFT monitors is designed for a variety of video surveillance applications, particularly industrial where clear, high quality images and proven system reliability are required. The high colour reproduction and high resolution make the monitors ideally suited for the most demanding applications.

Premium and Standard line monitors – reliability for the most demanding applications

The Premium and Standard line monitors offer comprehensive choice in various screen sizes, specially designed for installations with combined use of analogue and PC functionality, where rooms containing strong light require very high screen brightness, high contrast and high resolution, plus a wide viewing angle. These monitors are designed for spacing saving on desks and wall-mountable for security video monitoring walls.

Eco line monitors – reliability for common applications

The Eco line monitors have been designed for those applications not requiring the industrial-like quality of the other TFT monitors in the range. These monitors are suitable for applications such as small shops showing the camera monitoring the customer and cash register, or sitting on top of a DVR in a manager's back office.

Highlights

- Wide range of applications

- Various screen sizes

- High quality images and proven system functionality

- Combined use of analogue and PC functionality for more flexibility

Technical overview

Colour TFT monitors						
Premium			**Standard**		**Eco**	
CMTC1925	CMTC1725	CMTC1525	CMTC1913	CMTC1713	CMTC1920	CMTC1720
TFT size						
19" / 48 cm	17" / 44 cm	15" / 38 cm	19" / 48 cm	17" / 44 cm	19" / 48 cm	17" / 44 cm
Resolution (pixels H x V)						
1280 x 1024	1280 x 1024	1024 x 768	1280 x 1024	1280 x 1024	1280 x 1024	1280 x 1024
Contrast						
1000 : 1	800 : 1	500 : 1	800:1	1000:1	550 : 1	500 : 1
On-screen display menu						
■	■	■	■	■	■	■
Video in/out						
2	2	2	2	2	1	1
S-VHS Y/C input						
■	■	■	■	■	■	■
DVI input						
■	■	■	■	■	■	■
Audio in/out						
2	2	2	2	2	1	1
Alarm input						
■	■	■				
Response time						
5 ms	5 ms	12 ms	5 ms	5 ms	8 ms	12 ms
Brightness						
300 cd/m²	300 cd/m²	250 cd/m²	300 cd/m²	300 cd/m²	270 cd/m²	300 cd/m²
Anti-glare glass screen						
■	■	■				
Picture-in-picture						
■	■	■				
Integral speakers						
■	■	■	■	■	■	■
Metal housing						
■	■	■				
Easy carry handle						
■	■	■				
TV standard						
PAL/NTSC 50/60 Hz	PAL/NTSC 50/60 Hz	PAL/NTSC 50/60 Hz	PAL/NTSC 56/75 Hz	PAL/NTSC 56/75 Hz	PAL/NTSC 50/60 Hz	PAL/NTSC 50/60 Hz
Power input						
100~240 V AC 12 V DC / 6 A	100~240 V AC 12 V DC / 6 A	100~240 V AC	100~240 V AC 12 V DC / 3.5 A	100 ~240 V AC 12 V DC / 3 A	100~240 V AC	100~240 V AC

Answers for infrastructure.

■ **Megatrends driving the future**
The megatrends – demographic change, urbanization, climate change and globalization – are shaping the world today. These have an unprecedented impact on our lives and on vital sectors of our economy.

■ **Innovative technologies to answer the associated toughest questions**
Throughout a 160-year history of proven research and engineering talent, with more than 50,000 active patents, Siemens has continuously provided its customers with innovations in the areas of healthcare, energy, industry and infrastructure – globally and locally.

■ **Increase productivity and efficiency through complete building life cycle management**
Building Technologies offers intelligent integrated solutions for industry, commercial and residential buildings and public infrastructure. Over the entire facility's life cycle, our comprehensive and environmentally conscious portfolio of products, systems, solutions and services in the fields of electrical installation technology, building automation, fire safety and electronic security, ensures the:
– optimum comfort and highest energy efficiency in buildings,
– safety and security for people, processes and assets,
– increased business productivity.

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