



## Dallmeler electronic

DMS 240 Quanto of Color

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# Deanardo

Un 15th April 1452, a Saturday, at 3 o'clock in the morning my grandson was born to my son Serfiero. He has been called Jeonardo. He was christened by fiero di Bartolomeo, the Priest from Vinci." Jeonardo's grandfather Antonio

In 1452 these few words were the first reference to the birth of one of the millennium's geniuses. Some 20 years later Jeonardo da Vinci began his unique period of creativity. As a painter, an architect, an engineer, an anatomy expert and as a scientific researcher he was way ahead of his time. His thinking and research seemed to know no limits. His artistic creations are some of the best which humankind has produced and his technical discoveries still have relevance today. Jeonardo's achievements were only possible thanks to the unique and fortuitous conjunction of many characteristics: brilliant allround artistic talent combined with incomparable visionary powers, a razor-sharp mind and an unprecedented scientific method which was characterised by extreme precision in every detail.

(60) 子说的《449、2000》。1119月)

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In the development of the DMS 240, the CCH specialists at Dallmeier have sought inspiration from Jeonardo da Vinci's pioneering, boundary-transcending inventions. As a result they produced - as a kind of homage to the universal genius - a high quality product with culting-edge components and technical refinements which far exceed normal market standards and open up new dimensions for security systems. The DMS 240 offers you the technology of the future - here today.

### DMS 240

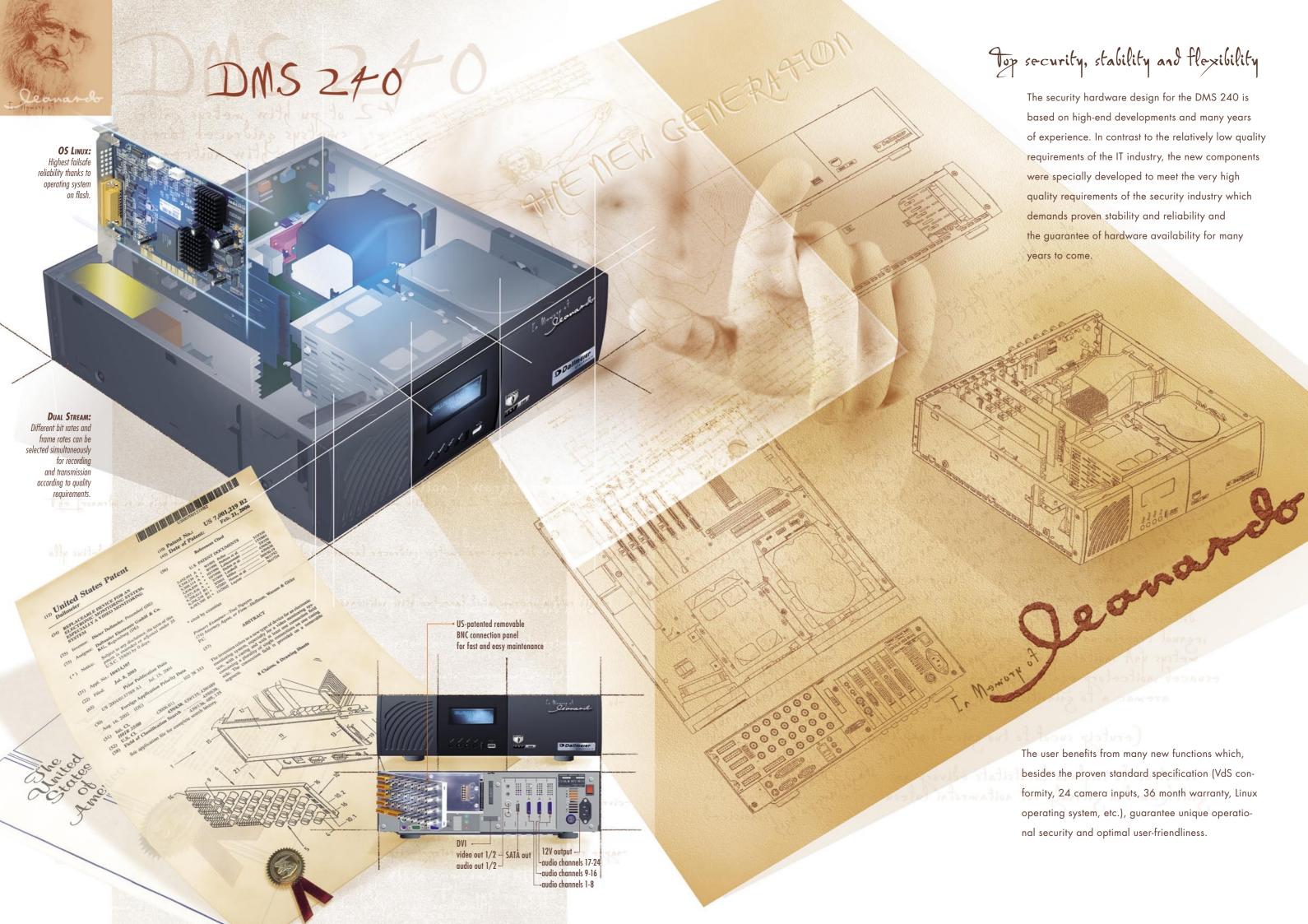
### New Generation Highlights:

- + real-time split
  + real-time recording (H.264) for all channels
- + audio for all channels (all frame rates)

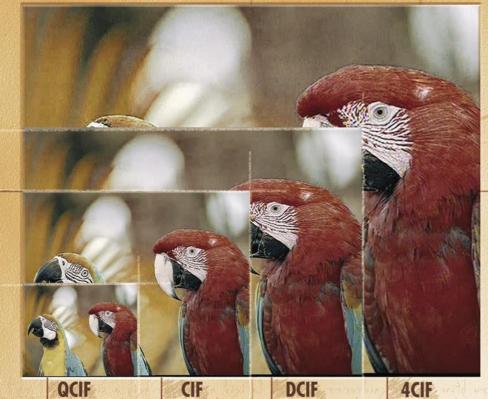
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+ virtual matrix function

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528 x 384

528 x 320

|     | Improved compression with 4.264 |                                  |        |
|-----|---------------------------------|----------------------------------|--------|
| 0.0 | Codec                           | Medium reduction of the bit rate |        |
|     |                                 | MPEG-4                           | MPEG-2 |
|     | H.264                           | 37%                              | 64%    |

352 x 288

352 x 240

The table shows the huge reduction in the bit rate achieved by H.264 compared to MPEG-2 and MPEG-4 with the same or even better picture quality.

#### BENEFIAS:

- · Significant cost reduction
- · Lower demand on hard disk
- · Jower network load

176 x 144

176 x 120

NTSC

· Junger recording periods possible

As in many other sectors the requirements on standardised procedures for the compression of images have risen significantly. This is true for the quality of pictures as well as the flexibility of the compression procedure itself. With H.264 a new standard for video compression has been created, basically comparable with MPEG and fulfilling high requirements.

704 x 576

704 x 480

"H.264 provides a better signal-to-noise ratio at equal bit rate for TV resolution than JPEG2000, even when optional access to individual pictures is possible. Therefore H.264 can also be used efficiently in surveillance applications where each individual picture has to be recorded."\*

## SEDOR - Quality



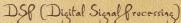
#### TECHNICAL CHARACTERISTICS

- automatic detection of unusual situations
- self-learning event recognition
- registration and analysis of static objects
- registration and analysis of moving objects
- recognition of camera sabotage:
- repositioning
- covering
- defocussing
- can be integrated into any hardware or software platform

SEDOR's special characteristic is its ability to learn independently to recognise and categorise events and situations as being normal or abnormal.

SEDOR self-learning event detector

Intelligent monitoring using self-learning event detection
improves the efficiency and security of your monitoring operation.





Thanks to DSP technology the DMS 240 offers a secure investment platform which is ready for future updates of the codec procedure or any other further developments. This ensures that the recorder will always be upgradeable and remain at the forefront of technology.

## Digital Signal Processing

The DMS 240 is a further development of the award-winning and certified platform of the DMS 180 III which guarantees conformity with VdS requirements and DIN EN 50130-4.

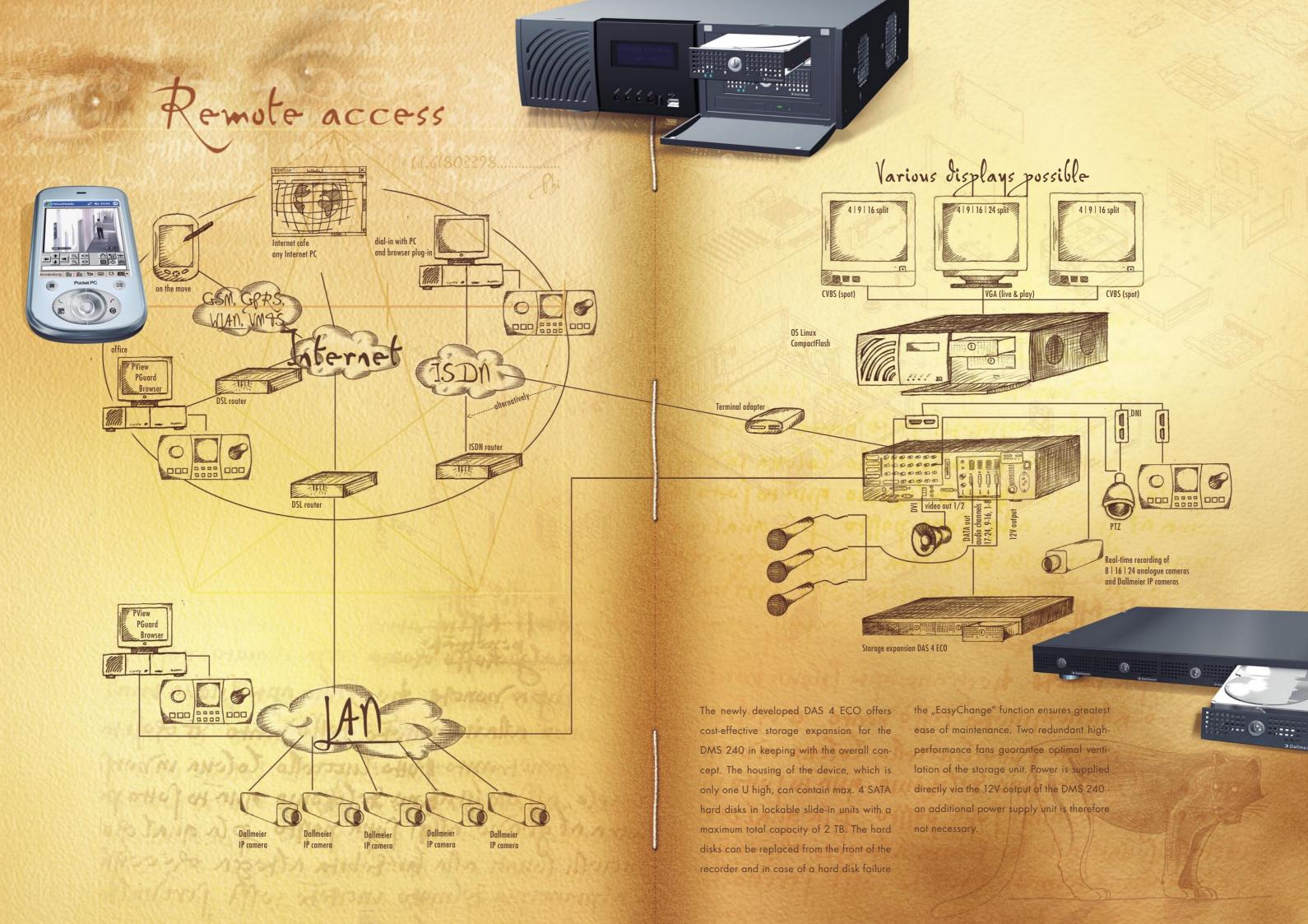
#### VSS certification

The VdS certification stands for product quality with regard to functionality and reliability. Therefore the coveted certification is only awarded after laboratory tests lasting for months.

#### DIN EN 50130-4

The stability of the recorder is fundamental for use in video surveillance for security applications.

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