

Great style presentations – in the smallest spaces

Toshiba's ex20 and ew25 feature throw distance of only 50 cm

Neuss, August 2007

Up to now, minimum room size has always been an issue for presentations using projectors. Now Toshiba's ex20 and ew25 projectors usher in a new era. Both models feature ultra-wide-angle Extreme Short Throw Projection (ESP) technology, minimizing throw distance to a negligible 50 cm. In addition, when the projectors are ceiling-mounted their high offset angle ensures that the speaker is not blinded by the lamp. Extremely easy and convenient to use, both these DLP models can be connected to a company network via WLAN thanks to their "Windows Vista Network" function. The business pros also boast the new Brilliant Color™ technology from Texas Instruments, for significantly enhanced color reproduction. They can also be combined with an interactive whiteboard, opening up completely new multimedia options for talks and presentations.

The ex20 and ew25 have solved two common problems for presenters: the difficulty of achieving optimum image size in small rooms, and the projector lamp blinding the presenter. Their new ESP technology enables presentations to be held in almost any room, however small; the ultra-wide-angle lens generates a diagonal image size of around one meter from a throw distance of no more than 50 centimeters. The projectors can be ceiling-mounted, enabling the speaker to conduct the presentation undisturbed by a blinding lamp. The short throw distance and wide-angle lens project the image onto the wall or screen at an offset angle of 130°, guaranteeing unhindered presentations.

Facts & Figures

- Technology: DLP
- Extreme Short Throw Projection
- Contrast: 2.000:1
- Windows Vista Network (WLAN and LAN)
- Brilliant Color™ and NCE 4
- USB port
- Password- and Panel Lock-Function, Digital Zoom, User Logo

ex20

- Brightness: 2.300 ANSI-Lumen
- Resolution: XGA (1.024 x 768)
- Availability: September 2007
- Price: 1,690 EUR plus VAT

ew25

- Brightness: 2.500 ANSI-Lumen
- Resolution: WXGA (1.280 x 800)
- Availability: October 2007
- Price: 1,990 EUR plus VAT

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In addition, both the ex20 and ew25 are designed specifically for combination with interactive whiteboards. These boards can be linked to a PC and the projector to form a multimedia board for use with special pens – a future-oriented enhancement of any presentation in the field of business or education. Spontaneous ideas are also welcome - the integrated USB port eliminates the need for laptops or notebooks, enabling data to be simply accessed from a USB stick.

Brighter, sharper colours, clever features and ease of operation

A new feature of both models is their Brilliant Color™ technology, a new development by Texas Instruments. The color wheel now has six segments instead of the previous four, delivering more brilliant and natural color reproduction than ever before.

User comfort is another priority area, and these Toshiba projectors are strong in functions and features designed to make business run smoothly. Cabling and installation problems are a thing of the past with the Windows Vista Network function, which sets up a direct LAN link to the company network. This LAN function in Toshiba's new models enables the projector to be controlled centrally, and presentation content – images or text files, say – to be called up directly from the network.

Security and Connection Options

Business models naturally require added security against unauthorized use or theft. The ex20 and ew25 provide an array of functions in this respect: the Panel Lock function, for example, requests the user to enter a four-digit PIN to unlock the projector for use or block the keypad action ("panel lock").

The ESP models also offer a broad range of connections, with two RGB inputs via D-sub15 parat, RJ45, USB, S-Video, Composite Video and various audio inputs. The formats processed include computer formats from VGA to UXGA (compressed) and 480i to 1,080i formats plus NTSC, PAL and SECAM standards.

ex20 or ew25?

While the XGA model ex20 features brightness of 2,300 lumens, the ew25's WXGA resolution makes it ideal for predominantly landscape formats such as spreadsheets or graphics applications.

In addition, the ew25 offers superior brightness of 2,500 lumens and slightly larger diagonal image sizes of up to 3.05.

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Price and Availability

The ex20 is available from September, the ew25 from October from specialist retailers.

For your convenience, Toshiba has set up an infoline (0.12 euros/min from the Deutsche Telekom landline network) on 01805 / 969 010 (in Germany only).

About Toshiba Projection & Display Technology

The Projection & Display Technology (PDT) division markets a comprehensive portfolio of data and video projectors plus a selection of LCD flat panels. Its offerings are intended for a broad spectrum of target groups. In the professional projectors segment, Toshiba distinguishes between the mobile class of projectors (lightweight models of up to 3 kg) and the performance class (primarily for conference applications, but also for permanent installation). PDT also focuses strongly on the forward-looking home cinema projector segment. As a systems provider, the Projection & Display Technology division is committed to developing complementary solutions for mobile presentation and wireless LAN applications.

PDT is responsible for distribution in over 50 countries in Europe, the Middle East and Africa. Toshiba employs 166,000 people worldwide and around 4200 people in Europe. For more information, please visit us at: <http://www.toshiba-europe.com/projectors>

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Technical Specifications

Available from retailers:	ex20: September 2007 ew25: October 2007
Warranty:	3 years
Telephone hotline (Germany only):	01805 / 969 010
Hotline availability:	9 am -6 pm
More information:	http://www.toshiba.de/projektoren

Technical Specifications

Resolution	ex20: XGA (1,024x768) ew25: WXGA (1,280x800)	Technology	ex20: 0.55" DMD chip ew25: 0.65" DMD chip
Brightness	ex20: 2,300 ANSI lumens ew25: 2,500 ANSI lumens	Contrast ratio	600:1
Horizontal frequency	15 - 120 kHz	Vertical frequency	50 - 150 Hz
Color reproduction	16.7 m colours simultaneously	Keystone correction	vertical +/- 18°
Lens	F= 2.6 f = 8.37 mm manual Focus	Aspect ratio	4:3 or 16:10
Lamp	275 W	Input signals	NTSC/PAL/SECAM, 480i, 480p, 576i, 576p, 720p, 1080i, VGA, SVGA, XGA, WXGA, SXGA, UXGA (compr.)
Throw distance	ex20: 0.5 – 1.5 m ew25: 0.49 – 1.53 m	Image diagonal	ex20: 0.89 – 2.54 m ew25: 1.02 – 3.05 m

Inputs and Outputs

Inputs	2xRGB (D-sub15), RJ45, USB Type A, S-Video, Composite Video (RCA), Audio (stereo mini jack), Video/S-Video Audio (2xRCA l/r); Component via D-sub15, RS-232C (Mini DIN8P)	Outputs	RGB (D-sub15), audio (stereo mini jack)
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Further specifications

Weight	4.2 kg	Dimensions (WxHxD)	337 x 118 x 265 mm
Speakers	1 W mono	Power	AC 100 – 240 V, 50/60 Hz

Accessories

Remote control set with laser pointer and batteries, instructions (CD-ROM), summarized instructions, RGB and power cables, soft case
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