

revealing all sides
enlightens
your audience



the new **DT20** projector:

now you can enlighten your
audience with a presentation that
brings images up close and personal.

bring up the details.

Empowered by Innovation

NEC

5 in 1

multifunction projector



take advantage of 5 display functions:

slide
presentations

view film,
x-rays
and more

3D
object
projection

project
documents,
catalogs and
other printed
materials

display
video, VCRs,
DVD and video
cameras



Integrated document
camera

multimedia projection

AutoSense Technology

Advanced AccuBlend

Digital keystone
correction

portrait projection
up to 180°

high resolutions
CCD camera with
2 million pixels

fascinating brightness
with 2800 ANSI lumens

digital zoom
up to 625%

supports XGA
up to UXGA

image-in-image

scans up to 8
images in memory

portrait projection
up to 180°

the DT20 features

Unconventional presentations emerge more often than expected. Just knowing that actual product prototypes can easily be projected in 3D for detailed critiquing or important evidence will get the point across in the courtroom can benefit you and your audience.

NEC's DT20 multifunction projector is a **5in1** solution for increased presentation power. Display catalogs and other printed materials. View transparencies, X-rays and more. Connect and project slides from your PC. Show multimedia presentations from a VCR, DVD and even video cameras. Plus place 3D objects onto the flatbed and view the dimensions all in real time.

True XGA resolution and has a light output up to 2800 ANSI lumens. You also have the added benefit of zooming in on even the smallest of details, up to 625%. This one-touch projector is perfect for manufacturing, engineering, government, courtrooms and schools. Reveal the details from all sides with the DT20.

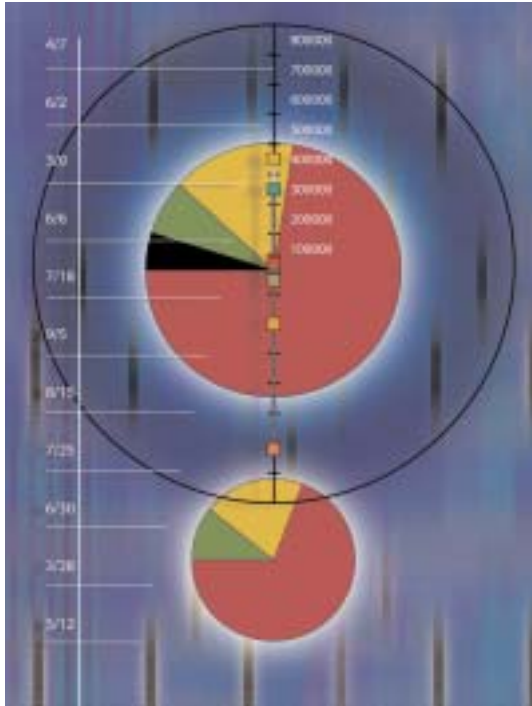
From the lens to the connector panel, our environmentally friendly projectors are precision crafted for performance, quality and long-term reliability. Should a need arise, rest assured that NEC will be there with award winning service and support including InstaCare®. InstaCare XpressSM and TravelCareSM.



all-in-one projector
with integrated
document camera!

2 million pixel projection

The DT20 achieves 2 million pixels through its high resolution color digital CCD camera



Advanced AccuBlend Technology™

Pixel-blending technology that ensures detailed images when non-native sources are connected.

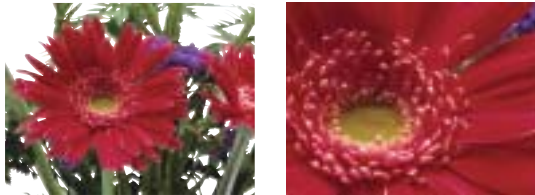
memory function

Instantly rotate your image vertically or horizontally up to 360° for perfect viewing on the screen using the portrait projection feature.



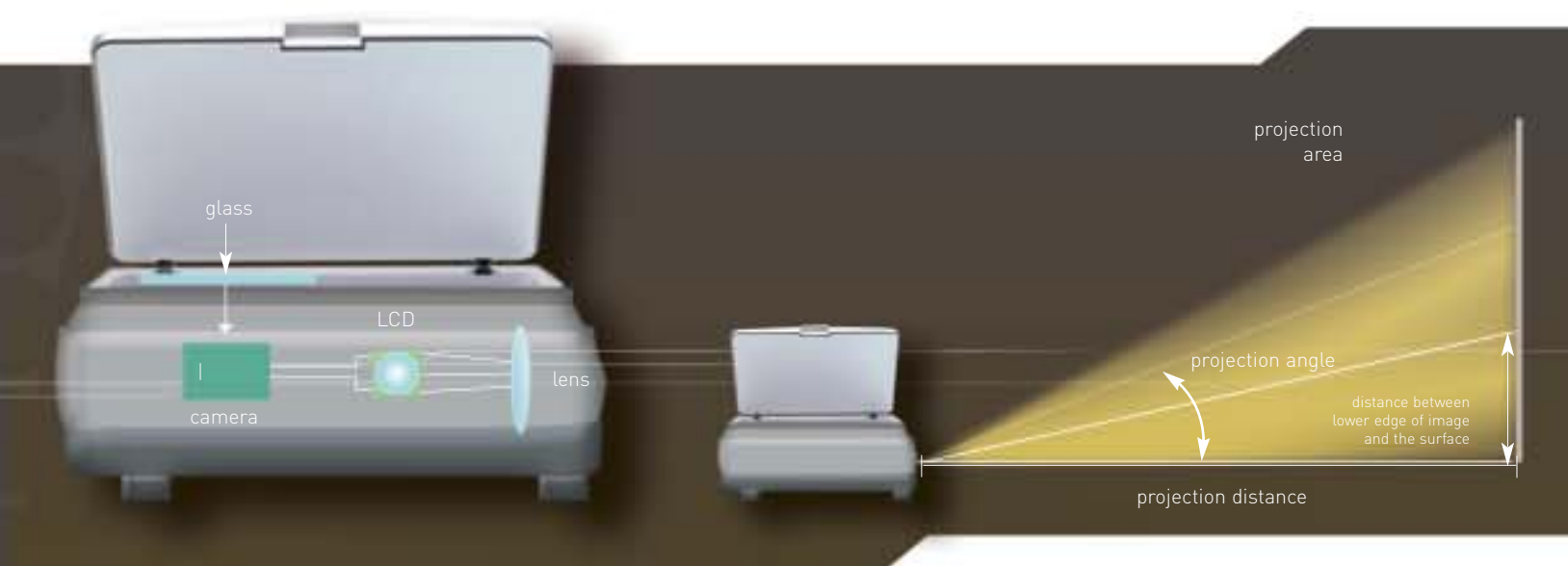
image freeze

As you present and need to change the object or material being viewed, use the image freeze feature to captures a still of the last image projected. Your audience will never have to see a blank screen.

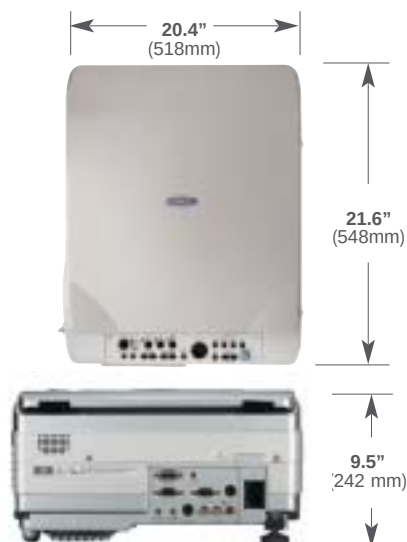


digital scroll and zoom

When an important detail of your presentation needs to be viewed at a larger scale, there is a simple solution. Using the digital scroll feature highlight the area you need to view and zoom in to show off the details...up to 625%.



DT20



Optical

LCD Panel	1" p-Si TFT w/ MLA
Resolution	1024x768 pixels native, up to UXGA with Advanced AccuBlend™
Lens	Manual Zoom and Focus F1.8-2.3, f=51.0-64.3mm
Integrated Document Camera	1/2 inch single plate CCD camera, 2M pixels 4 frames/second scan speed Scan size: 100% - 288 x 216 mm 6x digital zoom
Light Output	2800 ANSI lumens 2500 ANSI (ECO mode)
Lamp	260W NSH
Lamp Life	1500H
Contrast Ratio	350:1
Image Size	30-300 inches
Keystone Correction	± 15° vertical, + 10° horizontal electronic

Electrical

Inputs	1 RGB, 1 VIDEO, 1 S-Video, 2M pixel integrated camera, 1 RCA stereo audio, 1 stereo mini audio
Outputs	1 RGB, 1 Audio, 1 PC control/Test
Video Compatibility	NTSC, PAL/M/N, SECAM, NTSC4.43
Scan Rate Horizontal	21-80kHz, Vertical: 50-85Hz
Video Bandwidth	RGB 80MHz
Pixel Clock Frequency	102MHz
Color Reproduction	16.7 million colors simultaneously, Full color
Horizontal	NTSC/PAL/NTSC4.43 500TV lines, SECAM 300 TV lines,
Resolution	RGB -1024dots (H) x 768dots (V)
External Control	RS232, IR
Sync Compatibility	Separate Sync / Composite Sync / Sync on G
Operational Fan Level	38dB, 36dB in eco mode
Built-in Speakers	1Wx2 / 8 ohm (stereo)
Power Requirements	100-120VAC/220-240VAC, 50/60Hz
Input Current	4.5A (100-120VAC), 2.2A (200-240VAC)
Power Consumption	390W average

Mechanical

Installation Orientation	Floor/Front, Floor/Rear,
Dimensions (WxDxH)	15.7" x 12.4" x 5.7", 400x315x145mm excluding feet and lens
Net Weight	16.1 lbs.
Environment Operational Temperature	32° to 95°F / 0° to 35°C
Humidity:	20-80% non-condensing
Storage:	14° to 122°F / -10 to 50°C
Regulations	USA UL 1950 FCC Class A Canada CSA950 (C-UL)
Accessories	Users manual, wireless remote control, power cable, signal cable, registration card
Warranty	Registered owners receive a 2-year limited, parts and labor warranty including InstaCare. InstaCare provides the original owner with 3 business day repair and return of your projector. Lamp life is 6 months or 1500 hours

Product/Accessories

DT20	XGA, 2800 ANSI integrated camera/projector
DT02LP	Replacement lamp
DT20ATA	Shipping case for DT20



For more information, call **(800) NEC-INFO**
or visit **www.necvisualsystems.com**

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