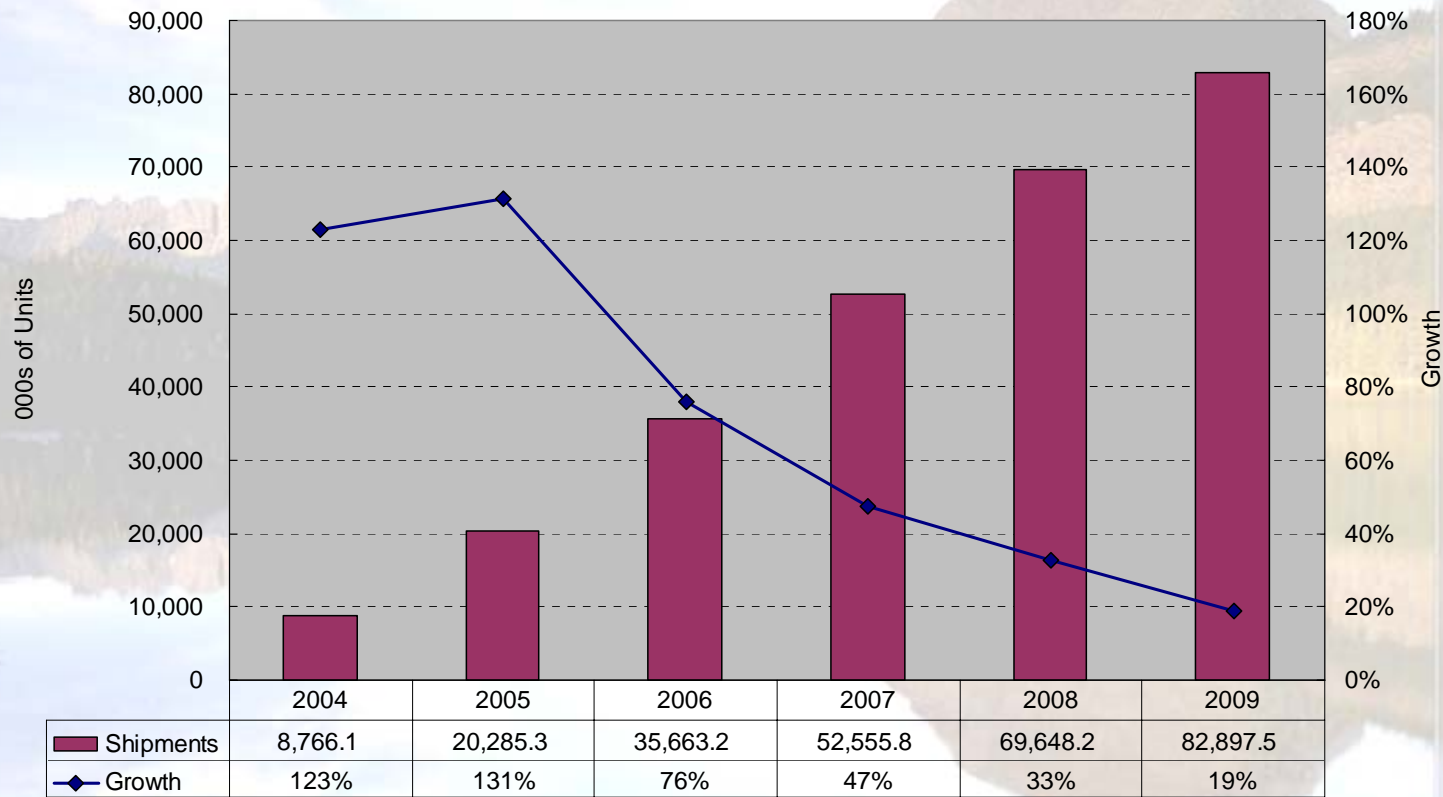


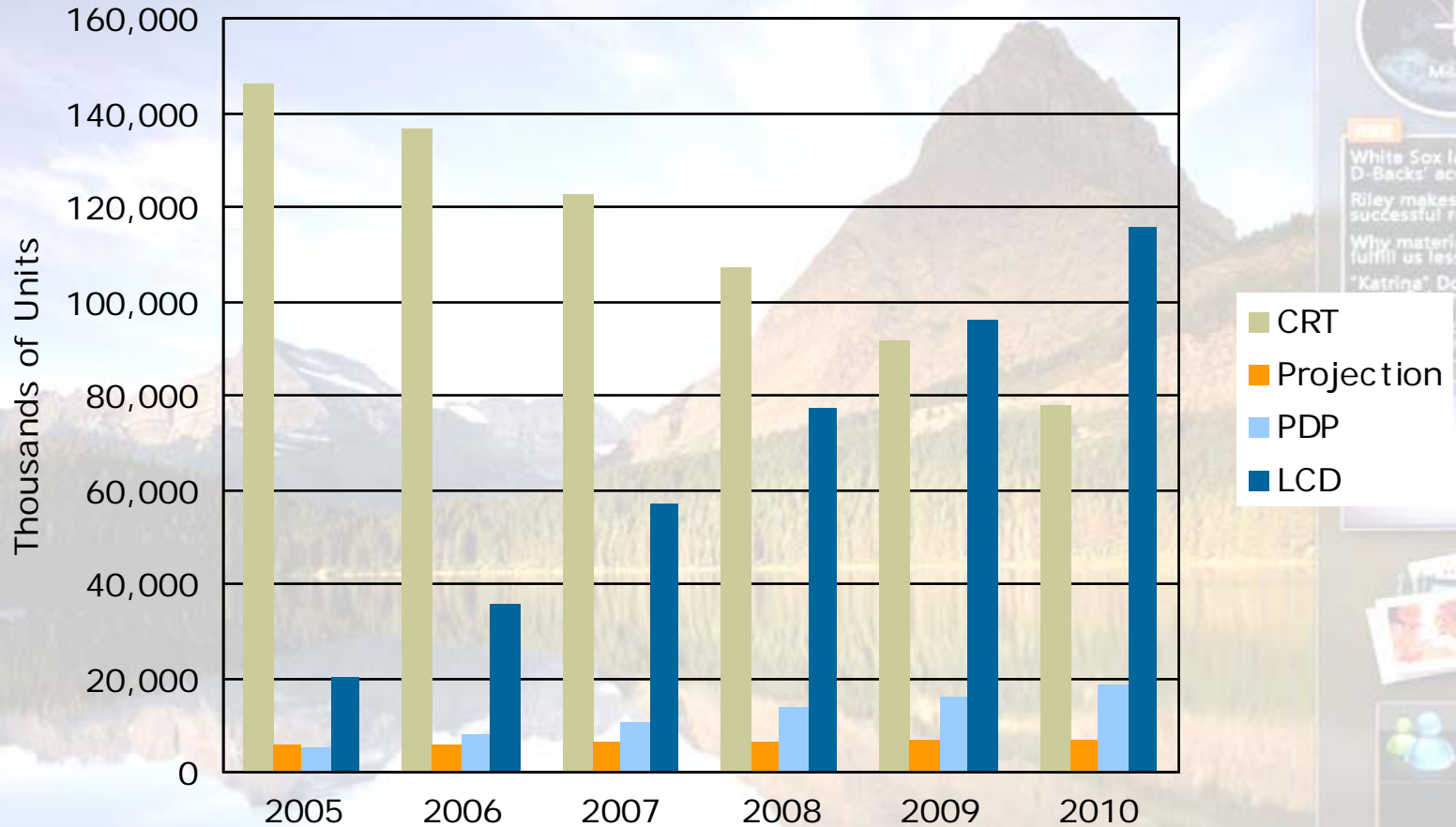
Viewsonic 2007 TV Update



- ▶ LCD TV shipments rose 156% Y/Y, and 36% Q/Q to 5.5M - Q4 05
- ▶ LCD TV shipments are expected to rise 76% in 2006 to 35.7M units



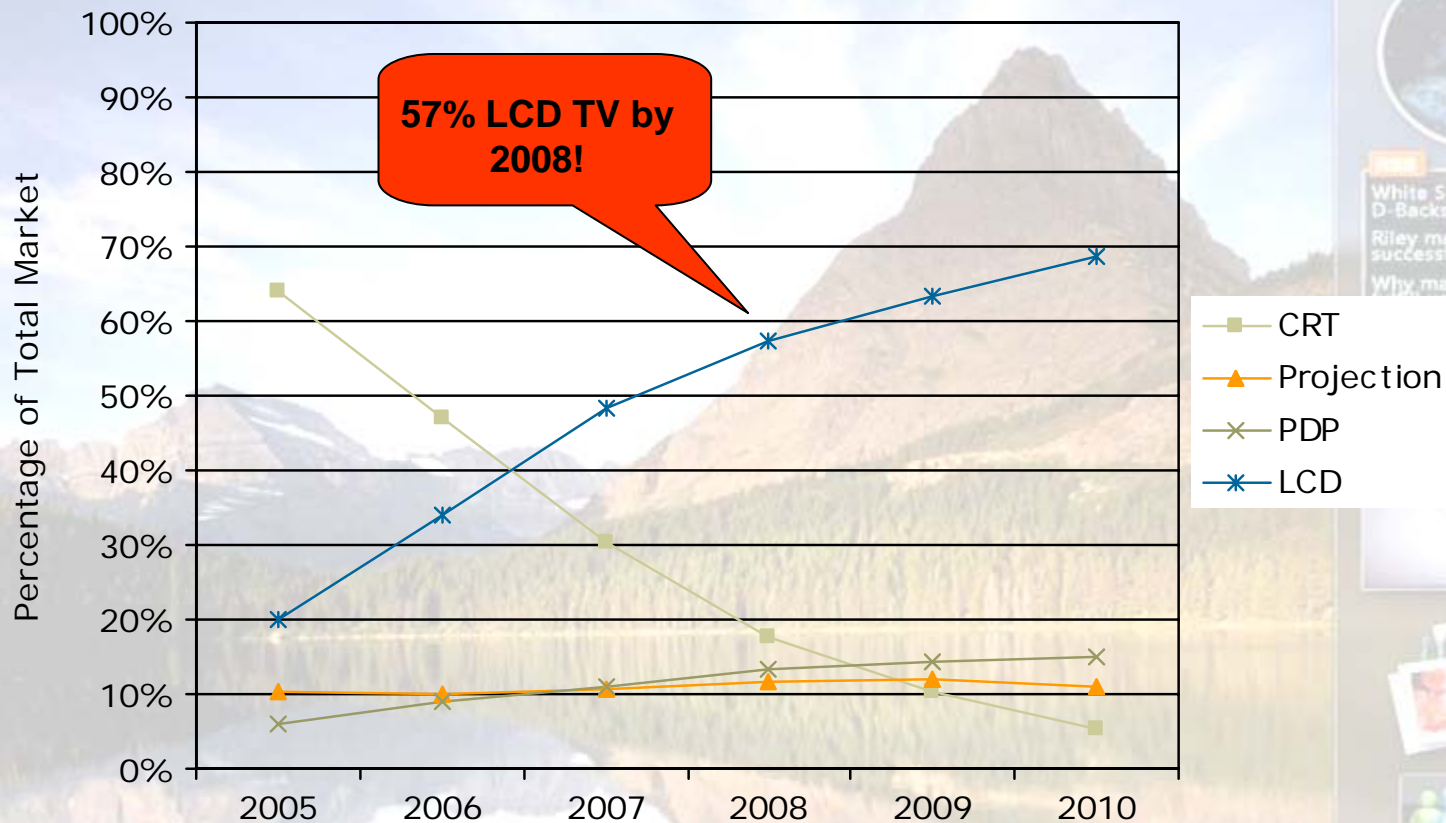
Source – Display Search



➤ LCD continues strong growth, surpassing CRT in 2009 as the main TV technology

➤ Despite dim long-term prospects in the TV space...PDP will grow at a 24% CAGR, climbing to 18.7 million units in 2010

Source: iSupply1Q06 Report



- LCD is fast growing and is expected to represent more than 50% of the TV technology in by 2008
- CRT TVs are expected to rapidly decline from 65% to < 20% by 2008
- PDP shows steady incline, gaining market share year over year



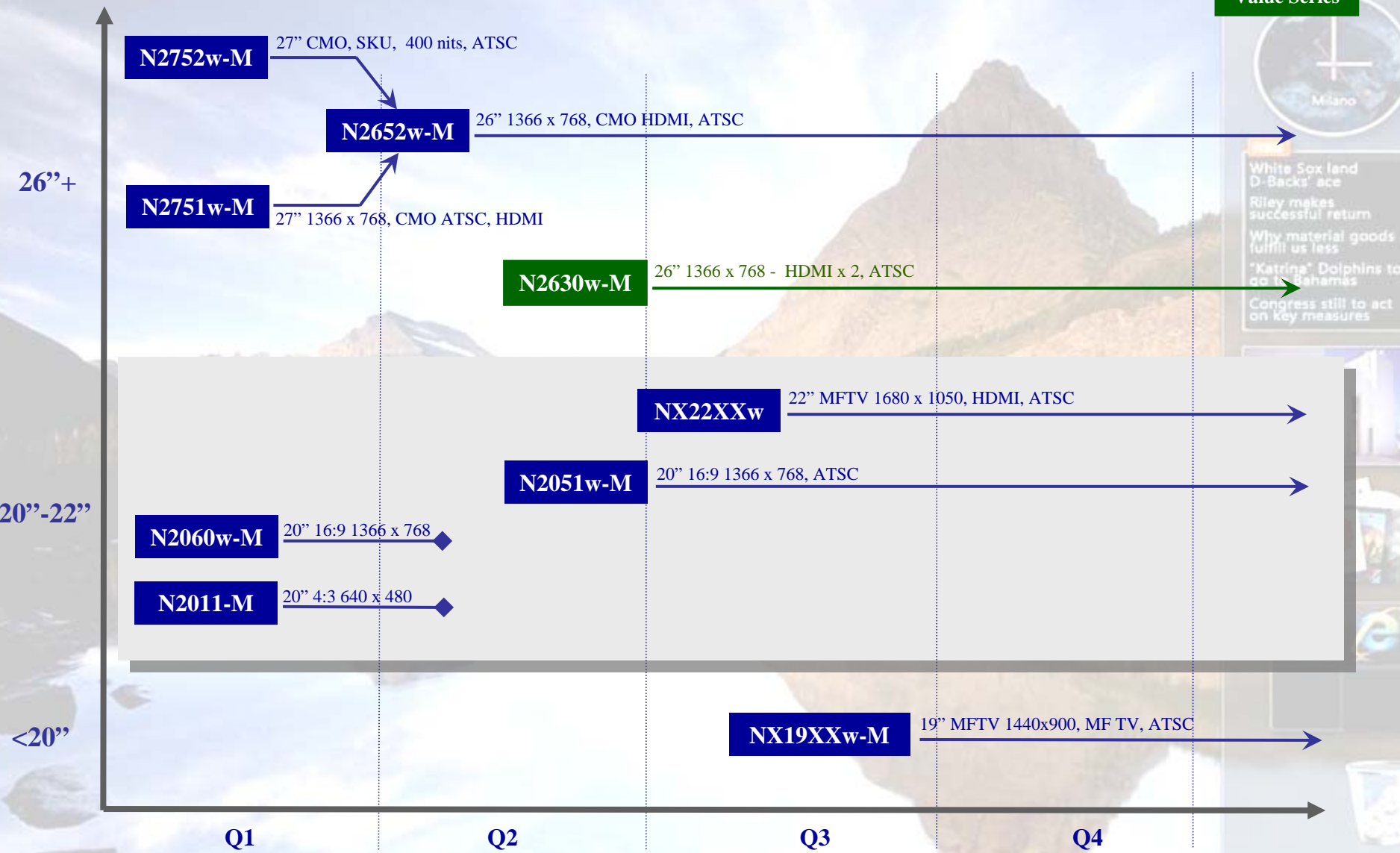
➤ 2007 Roadmap



- White Sox land
- D-Backs ace
- Riley makes successful return
- Why material goods fulfill us less
- "Katrina" Dolphins to go to Bahamas
- Congress still to act on key measures

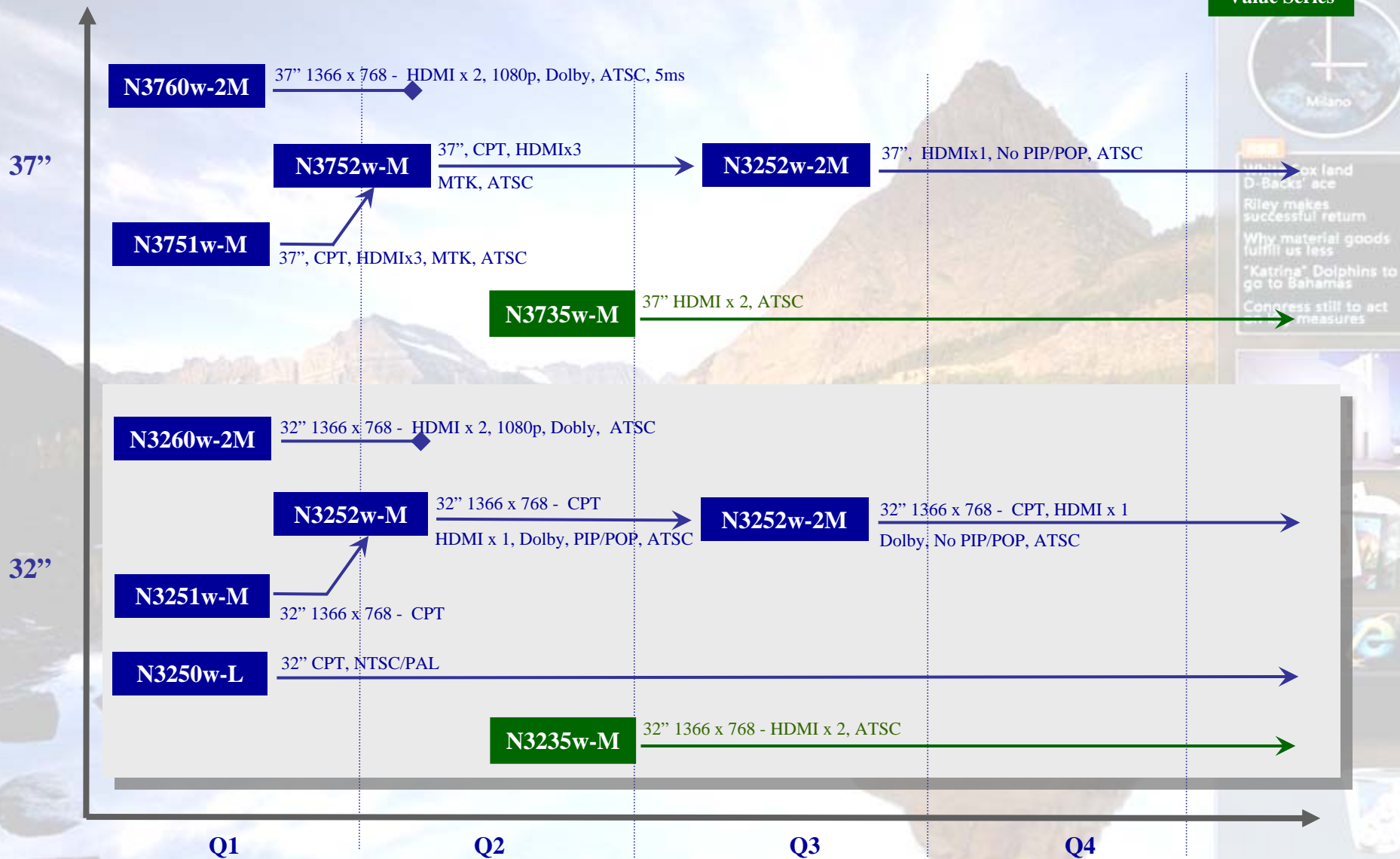


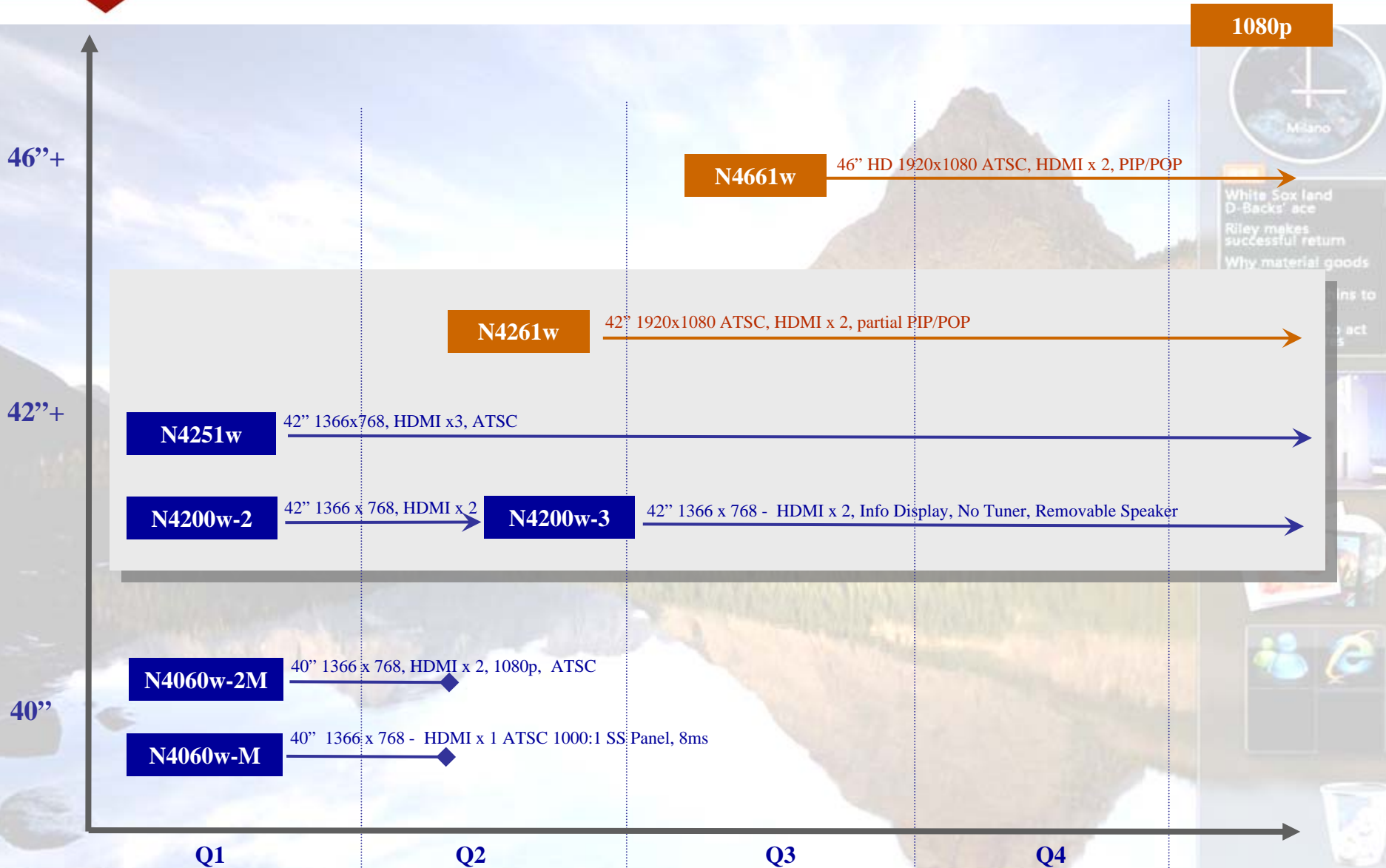
Value Series



Viewsonic LCD TV 32" ~ 37"

Value Series





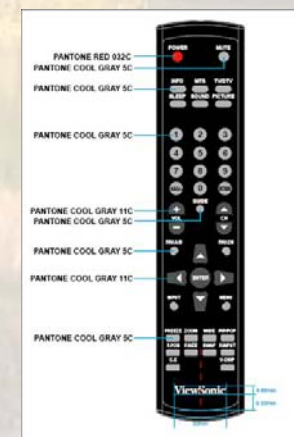
Key Product Features

- 16:9 aspect ratio (HDTV widescreen format)
- Integrated NTSC tuner
- RGB PC input, 1360x768 @ 60Hz recommended
- 500 nits brightness
- 1000:1 contrast ratio
- 8ms response time
- Wide viewing angle 176 degree (horizontal/vertical)
- 2 x 3 watt Stereo speakers
- Sleek black colored cabinet
- VESA Mount 100x100mm
- RGB (1), YPbPr/YCbCr (1), S-video (1), NTSC (1), audio (in and out)
- Remote Control



Key Product Features

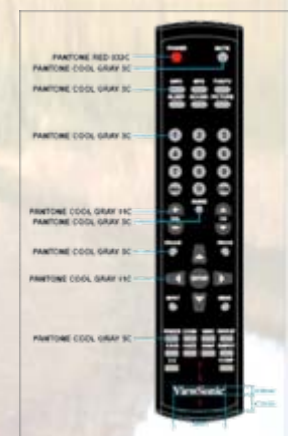
- 1366x768 panel in 16:9 HDTV widescreen format
- **Integrated ATSC/NTSC tuner (HDTV built-in)**
- PIP and POP functionality
- RGB PC input, **1360 x768 @ 60Hz recommended**
- 550 nits brightness, **1000:1 contrast ratio**
- **8ms response time**
- Wide viewing angle 176 degree (horizontal/vertical)
- 2 x 10 watt **Dolby Digital** bottom speakers
- Sleek black colored cabinet
- Multiple input connections for video peripherals
RGB (1), **HDMI - HDCP (1)**, YPbPr (1), YCbCr (1), video(1), RF (1), audio (in and out)
- **Remote Control**
- **VESA 200 x 100mm (WMK-013 wall mounts sold separately)**



- 1366x768 panel in 16:9 HDTV widescreen format
- **Dual Tuners – Integrated ATSC/NTSC tuner**
- PIP and POP functionality
- RGB PC input, 1360 x768 @ 60Hz recommended
- **550 nits brightness, 800:1 contrast ratio, 8ms response time**
- 3D comb filter with motion adaptive de-interlacing
- **2 x 10 watt Dolby Digital bottom speakers**
- Sleek black colored cabinet
- Multiple input connections for video peripherals
- RGB (1), HDMI/DVI - HDCP (1), YPbPr (1), YCbCr (1) video(1), RF (1), audio (in and out), SPDIF output
- VESA 200 x 100mm (WMK-013 wall mounts sold separately)

- **FCS February**

- **1344 Units First Shipment**



Preliminary specs subject to change

Key Product Features

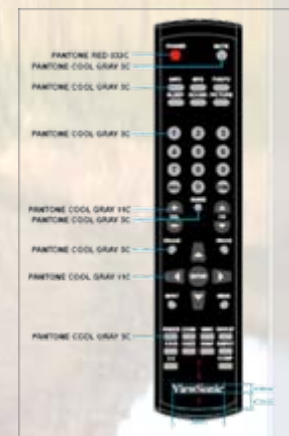
- 16:9 aspect ratio (HDTV widescreen format)
- Integrated NTSC/ATSC tuner
- RGB PC input, 1360x768 @ 60Hz recommended
- 550 nits brightness
- 1000:1 contrast ratio
- 8ms response time
- Wide viewing angle 170 degree (horizontal/vertical)
- 2 x 10 watt Dolby Digital speakers
- Sleek black colored cabinet
- VESA Mount 200x200mm
- RGB (1), HDMI (1), YPbPr/YCbCr (1), S-video (1), NTSC/ATSC (1), audio (in and out)
- Remote Control



- 1366x768 panel in 16:9 HDTV widescreen format
- **Dual Tuners – Integrated ATSC/NTSC tuner**
- PIP and POP functionality
- RGB PC input, 1360 x768 @ 60Hz recommended
- **550 nits brightness, 1000:1 contrast ratio, 8ms response time**
- 3D comb filter with motion adaptive de-interlacing
- **2 x 10 watt Dolby Digital bottom speakers**
- Sleek black colored cabinet
- Multiple input connections for video peripherals
- RGB (1), HDMI/DVI - HDCP (1), YPbPr (1), YCbCr (1) video(1), RF (1), audio (in and out), SPDIF output
- VESA 200 x 100mm (WMK-013 wall mounts sold separately)

- **Planned Transition (FCS) March 1**

- **2800 Unit Incoming for FCS**



Preliminary specs subject to change

Key Product Features

- Integrated NTSC/ATSC tuner
- RGB PC input, 1360x768 @ 60Hz recommended
- 500 nits brightness
- 1000:1 contrast ratio
- 8ms response time
- Wide viewing angle 170/170 degree (horizontal/vertical)
- 2 x 10 watt Dolby Digital Audio
- Sleek black colored cabinet
- VESA Mount 200x400mm
- **HDMI (3)**, RGB (1), YPbPr/YCbCr (1), S-video (1), NTSC/ATSC (1), audio (in and out)
- Universal Remote Control
- **PIP/POP**
- **New base**



Key Product Features

- Integrated NTSC/ATSC tuner
- RGB PC input, 1360x768 @ 60Hz recommended
- 500 nits brightness, 1000:1 contrast ratio, 8ms response time
- Wide viewing angle 170/170 degree (horizontal/vertical)
- 2 x 10 watt Dolby Digital Audio
- Sleek black colored cabinet
- VESA Mount 200x400mm
- **HDMI (3)**, RGB (1), YPbPr/YCbCr (1), S-video (1), NTSC/ATSC (1), audio (in and out)
- Universal Remote Control
- **PIP/POP**

- **Planned Transition (FCS) March 1**

- **2700 Unit Incoming for FCS**



- **Integrated NTSC/ATSC tuner**
- RGB PC input, 1360x768 @ 60Hz recommended
- 500 nits brightness
- 1200:1 contrast ratio
- 8ms response time
- Wide viewing angle 178 /178 degree (horizontal/vertical)
- 2 x 12 watt Dolby Digital speakers
- Sleek black colored cabinet
- VESA Mount 200x400mm
- **HDMI (3)**, RGB (1), YPbPr/YCbCr (1), S-video (1), NTSC/ATSC (1), audio (in and out)
- Universal Remote Control
- **PIP/POP**
- **High gloss black bezel**



Key Product Features

- No NTSC or ATSC tuner
- RGB PC input, 1360x768 @ 60Hz recommended
- 500 nits brightness
- 1600:1 contrast ratio
- 8ms response time
- Wide viewing angle 178/178 degree (horizontal/vertical)
- 2 x 10 watt SRS TruSurround sound
- Sleek black colored cabinet
- VESA Mount 200x400 or 200x300mm
- **RS232, HDMI (2), RGB (1), YPbPr/YCbCr (2), S-video (2), audio (in and out)**
- **Detachable speakers included**
- Remote Control



Enhanced Video Performance



White Sox land
D-Backs ace
Riley makes
successful return
Why material goods
fulfill us less
"Katrina" Dolphins to
go to Bahamas
Congress still to act
on key measures






32" wide N3260w


37" wide N3760w


40" wide N4060w





White Sox land
D-Backs' ace
Riley makes
successful return
Why material goods
fulfill us less
"Katrina" Dolphins to
go to Bahamas
Congress still to act
on key measures



picture










img.adj




source


setup


audio


ViewSonic

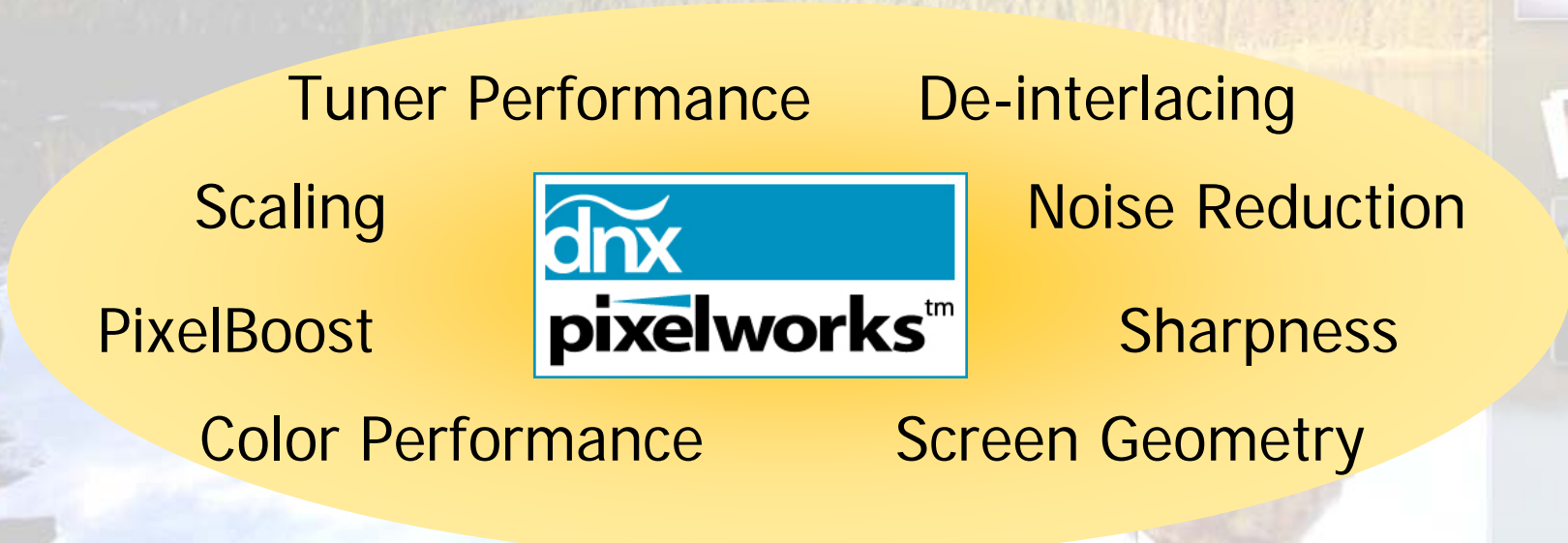
	brightness	<input type="range"/>	050
	contrast	<input type="range"/>	070
	sharpness	<input type="range"/>	005
	color	<input type="range"/>	050
	tint	<input type="range"/>	050
	Video mode	user	
	Color temp.	nature	
	Backlight	<input type="range"/>	050

Menu:Exit
 Next
 Select

- ATSC/NTSC tuner built-in LCD TV with screen size 32", 37", 40"
- HDMI input
- Precision 1080i processing
- 1080P compatible
- 10W+10W SRS TruSurround XT®
- Universal remote control
- Professional OSD and EPG
- OSD languages support English, French, Spanish

DNX™: Digital Natural eXpression

- 5th generation Pixelworks video processing chip set
- DNX embodies Pixelworks' core philosophy:
Every stage of video processing is optimized for extreme video quality!
- Optimally tuned TVs deliver clear, natural looking video:
Video is only as good as its weakest processing element!





... jagged golf clubs?



the Sox land
cks' ace
makes
ssful return
material goods
us less
ina* Dolphins to
Bahamas
ress still to act
y measures



Smoothing Low-Angle Edges

- DNX™ Technology
 - Globally optimize angles
 - Look at multiple video lines and apply smoothing algorithms
 - Use more information to make better decisions



Perfecting Interlaced Video

- DNX™ Deinterlacing technology
 - Use more information to make dynamic decisions about the optimal algorithm to apply
 - Look ahead several frames to project movement of objects
 - Intelligently apply optimal algorithm mix (motion and still image algorithms) on a pixel-by-pixel basis





... a contoured sky?



Rendering Color in a Digital Palette

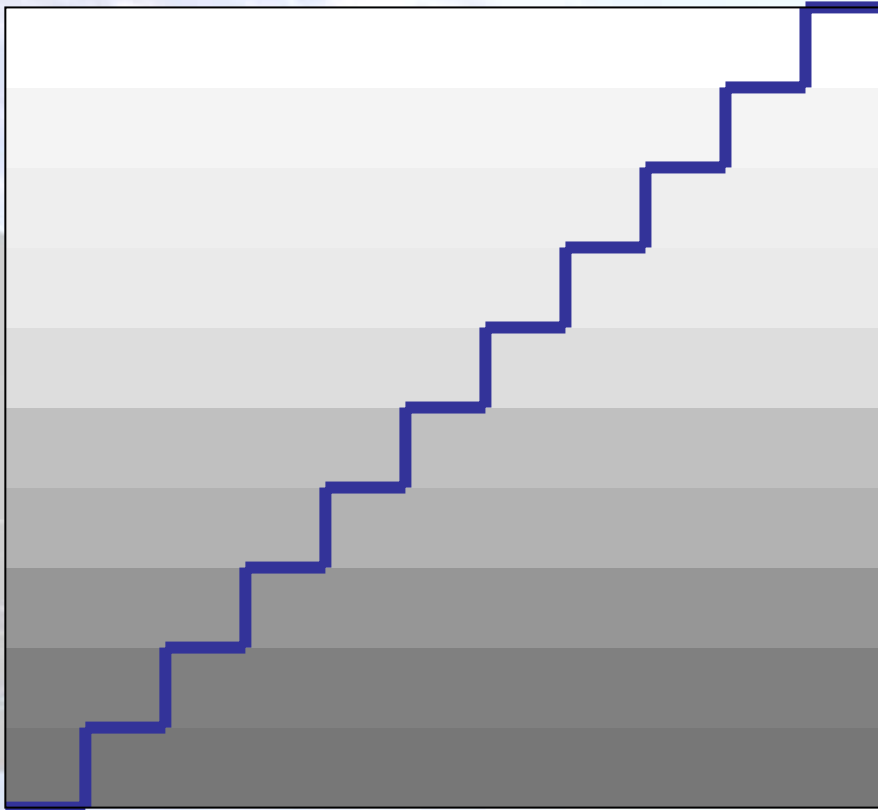
- What causes 'color banding' or 'contouring'?
 - Digital quantization results in discrete color steps in gradients
 - 8-bit = 256^3 shades of red, green, blue
 - LCDs are digital displays
 - Need special technology to display a rich color spectrum

- DNX™ Rich Color Processing technology
 - First low-cost technology to process 1 billion colors
 - 10-bit = 1024^3 shades of red, green, blue
 - Expands available color space from 16 million to 1 billion colors
 - Remap color palette intelligently to optimize content appearance to model-specific variations in LCD displays

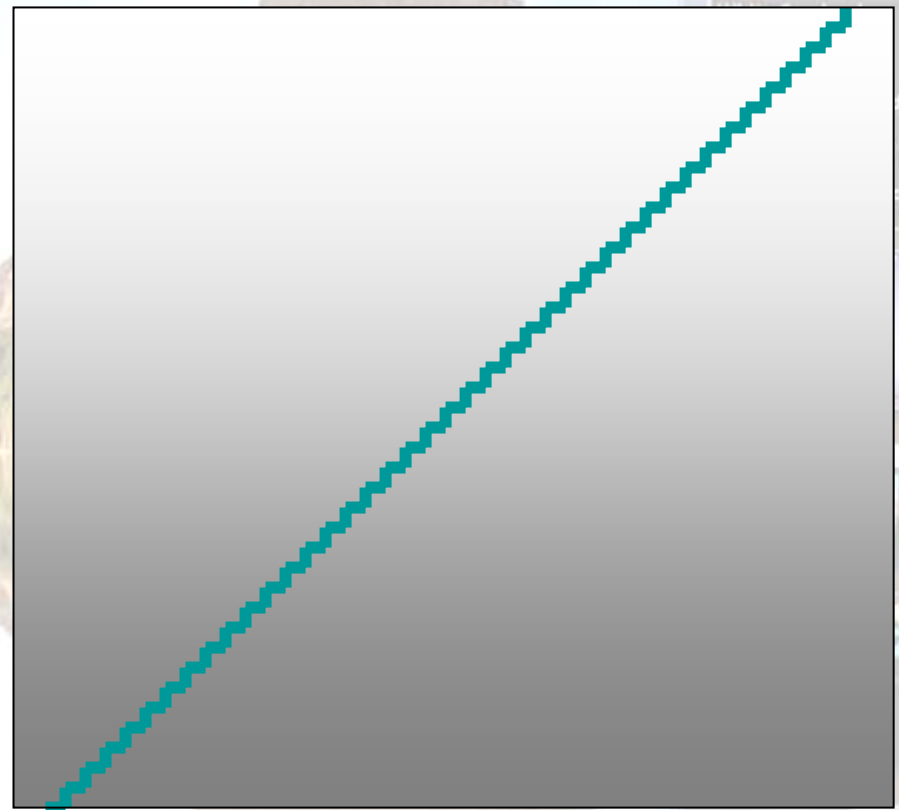


10-bit Processing ⇔ 1 Billion Colors

8-bit equals 256 color steps
($256 \times 256 \times 256 = 16.8$ million)



10-bit equals 1024 color steps
($1024 \times 1024 \times 1024 = 1.07$ billion)



NXX60 series LCD TV spec

Model	N3260w-M	N3760w-M	N4060w-M
Size	AUO 32" (31.5" VIS)	LG/AUO 37" (37.02" VIS)	Samsung 40" (39.9" VIS)
Panel	8ms GTG, Brightness 500 nits (typ), Contrast 800:1 (typ), Viewing Angle 170 degree (CR \geq 10)	8ms GTG, Brightness 500 nits (typ), Contrast 800:1 (typ), Viewing Angle 178 degree (CR \geq 10)	8ms GTG, Brightness 500 nits (typ), Contrast 1000:1 (typ), Viewing Angle 170 degree (CR \geq 10)
Resolution	1366x768		
Video input	<p>Tuner: ATSC/NTSC combo tuner x 1</p> <p>Analog: CVBS x 2 / S-Video x 2 ; Component x 2</p> <p>Digital: HDMI x 1 ; PC: D-sub x 1</p>		
Audio input	<p>R/L audio x1 for all video inputs (CVBS, "S", Component)</p> <p>Headphone 3.5mm x 1</p> <p>HDMI audio input x 1; PC audio input x 1</p>		
Audio output	RCA x 1		
Speaker output	10W + 10W SRS TruSurround XT Certified Audio.		
Chip solution	Advanced Pixelworks Image Processor.		
Features	<p>Digital closed caption, EPG</p> <p>3D comb-filter for S-video and Composite inputs</p> <p>Component inputs handle Interlaced or Progressive modes automatically</p>		



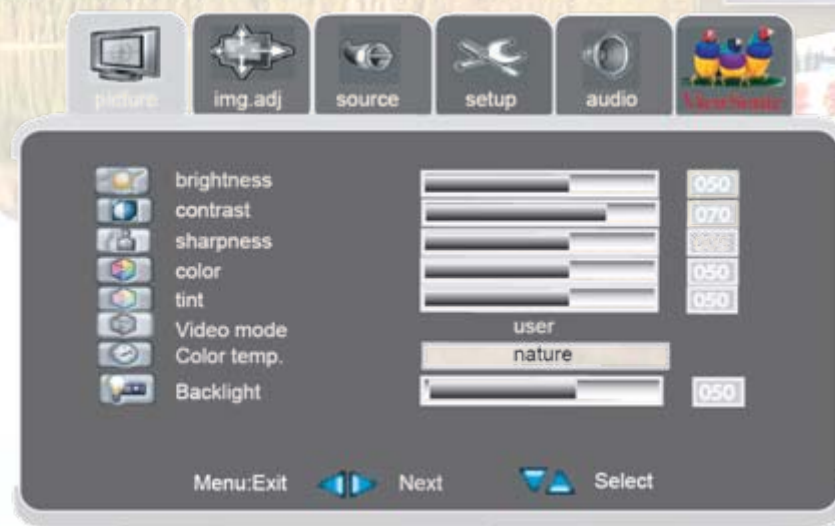
➤ New 2007 Upcoming 1080P LCD TV Products



White Sox land
D-Backs' ace
Riley makes
successful return
Why material goods
fulfill us less
"Katrina" Dolphins to
go to Bahamas
Congress still to act
on key measures



- **Full HD 1080P LCD panel**
- 1500:1 contrast, 500 nits, 176 degree viewing angle, 8ms
- “60” series ID design
- **ATSC/NTSC tuner built-in**
- **Dual HDMI input**
- **5th generation 10bit Pixelworks DNX video processor**
- Precision 720P/1080i processing
- 1080P direct drive
- 10W+10W SRS TruSurround XT®
- Universal remote control
- Professional OSD and EPG
- OSD languages support English, French, Spanish



- **Full HD 1080P LCD panel**
- 800:1 contrast, 500 nits, 176 degree viewing angle, 8ms
- “60” series ID design
- **ATSC/NTSC tuner built-in Dual HDMI input**
- **5th generation 10bit Pixelworks DNX video processor**
- Precision 720P/1080i processing
- 1080P direct drive
- 10W+10W SRS TruSurround XT®
- Universal remote control
- Professional OSD and EPG
- OSD languages support English, French, Spanish

