

# TOSHIBA

Leading Innovation >>>



experience natural beauty



LCD TV RANGE CATALOGUE  
[www.regza-asia.com](http://www.regza-asia.com)

# REGZA

## Z3500 Series



- META BRAIN PRO 100 (100/120Hz)
- FULL HD PANEL
- HD READY (1080p/1080i/720p)
- 10-BIT PROCESSING
- 10-BIT PANEL
- EXACT SCAN MODE
- WIDE COLOUR GAMUT
- INTELLIGENT BACKLIGHT CONTROL
- 3D COLOUR MANAGEMENT
- 3D Y/C COMB FILTER (PAL/NTSC)
- DUAL-TUNER DOUBLE WINDOW
- 3 HDMI (v1.3 with xvYCC, DEEP COLOUR)
- REGZA LINK (HDMI-CEC)
- SUPER SLIM SPEAKER SYSTEM
- SRS WOW SOUND SYSTEM

# REGZA



## CV500 Series



## AV550 Series



# RV500 Series



- POWER META BRAIN
- FULL HD PANEL
- HD READY (1080p/1080i/720p)
- 10-BIT PROCESSING
- EXACT SCAN MODE
- AMBIENT LIGHT SENSOR
- INTELLIGENT BACKLIGHT CONTROL
- 3D COLOUR MANAGEMENT
- 3D Y/C COMB FILTER (PAL/NTSC)
- PICTURE IN PICTURE
- 3 HDMI
- REGZA LINK (HDMI-CEC)
- SRS WOW SOUND SYSTEM
- SWIVEL STAND



- POWER META BRAIN
- HD READY (1080p/1080i/720p)
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- 3D Y/C COMB FILTER (PAL/NTSC)
- PICTURE IN PICTURE
- 3 HDMI
- REGZA LINK (HDMI-CEC)
- SRS WOW SOUND SYSTEM



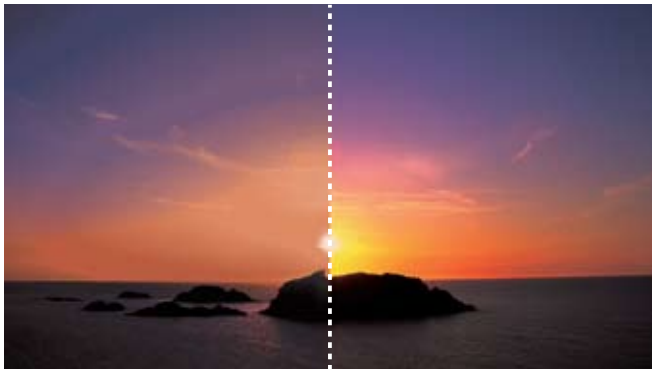
- POWER META BRAIN
- HD READY (1080p/1080i/720p)
- 10-BIT VIDEO PROCESSING
- INTELLIGENT BACKLIGHT CONTROL
- 3D COLOUR MANAGEMENT
- 2D Y/C COMB FILTER (PAL/NTSC)
- 1 HDMI

## Get the Full Impact of Full HD

Experience the Natural Beauty of Full HD 1080p resolution by Power Meta Brain. Not only it provides excellent picture quality, it also delivered the full impact of Full HD by using 10bit processing - which is clearly superior to 8bit types. As picture quality is not determined by specifications alone, you can be assured that we can achieve highest performance and maximum quality in each and every of our LCD TVs with our long-standing reputation in TV manufacturing . REGZA TVs are clearly the superior choice.

# Toshiba's superior video technology delivers optimum picture quality in all conditions.

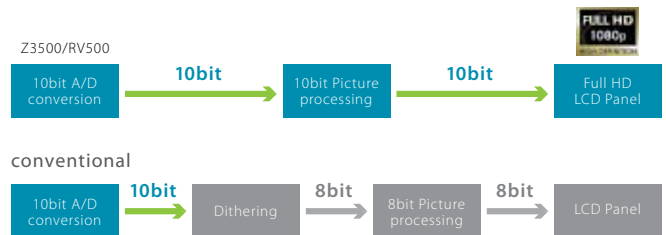
Boosting TV Images to New Heights of Clarity  
**10Bit Processing**



10bit processing and panel (right) provides richer, more natural colours.

Why is the Regza TVs superior to other HDTVs? It employs Toshiba's Power Meta Brain / Meta Brain Pro engine — a powerful LSI that uses five advanced technologies to achieve 10bit processing for all stages from input to output. While 8bit

technology can produce 16 million colours, 10bit produces 64 times as many, or over 1 billion colours. This much larger quantity of data means that the colours you do see are more accurate and the transitions between colours are smoother. The result is a much more realistic picture, delivering all the vivid colour intensity that was present in the original source.

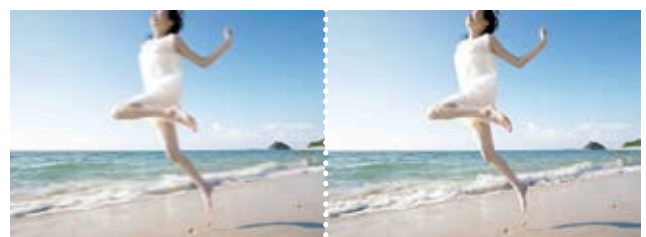


Excellent Fast Moving Images  
**Meta Brain Pro 100**



(Z3500 Series)

The 100Hz/120Hz technology in Toshiba's Meta Brain Pro 100 engine addresses motion blur in fast moving scenes. Meta Brain Pro 100 is further enhanced by the new film judder canceller and 5:5 film mode tailor made signal with original 24Hz film contents that results in crystal clear and smooth moving images.



WITHOUT Meta Brain Pro 100

WITH Meta Brain Pro 100

Get The Exact performance Of Full HD Scanning

## Exact Scan Mode

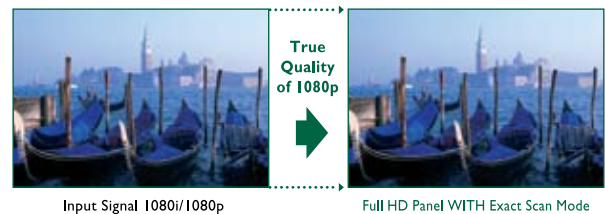
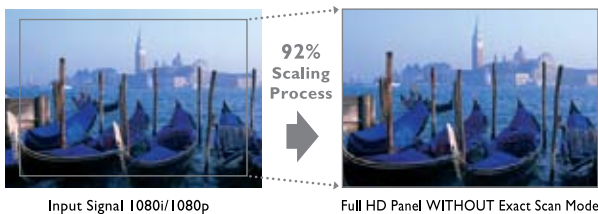


(Z3500 & RV500 Series)

The Exact Scan Mode maximises the performance of Full HD Panels by displaying the full HD image of 1920 X 1080 in Regza Full HD models.

When an HD video signal (1080i/1080p) is input into a conventional WXGA LCD panel (1366 X 768), the signal undergoes scaling process, which does not output the true quality of the HD 1080i/1080p signal. Consequently, there will be only 92% of the original picture displayed on screen after scaling.

When an HD video signal (1080i/1080p) is input into a Full HD LCD panel (1920 x 1080), the Exact Scan Mode creates uncompromising pixel to pixel re-production. Consequently, a true-to-original 1080i/1080p input signal quality is achieved.

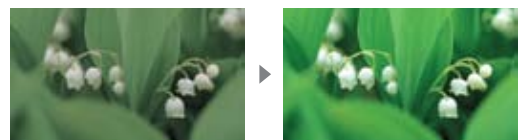


Greater Colour Control Than Ever Before

## 3D Colour Management



Most TVs have a colour adjustment knob, but the Regza TVs goes much further, enabling you to adjust hue, saturation and colour brightness for each of the six basic colours separately. You can perfectly adjust skin colour or grass colour, for example, without affecting the other colours.



3D Colour Management (right photos) lets you achieve the best possible colour balance.

Deeper Blacks, Finer Gradations, Higher Contrast

## Intelligent Backlight Control



Precise adjustment of the backlight behind the pixel array is necessary to obtain optimum picture quality. In REGZA TVs, the brightness of the backlight is automatically adjusted according to a sophisticated histogram analysis of the brightness and location of dark portions in each scene. Deeper blacks in dark scenes (where dark portions cover most of the screen) are reproduced by reducing the intensity of the backlight, resulting in greatly improved contrast.



Intelligent Backlight Control (right photo) improves the contrast in dark scenes.

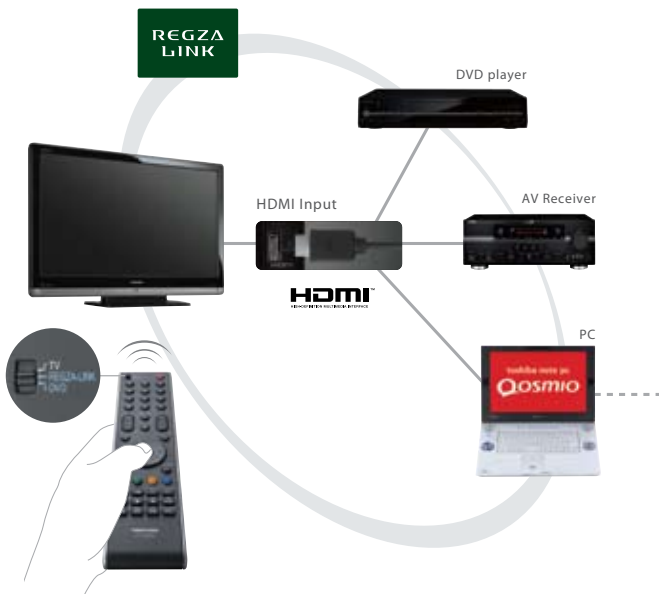
Easy Connection and Control

## HDMI with 1080p Compatibility



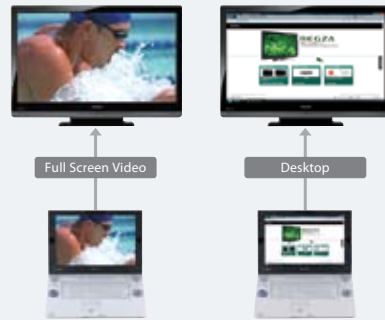
HDMI accept digital signals directly, so you can enjoy video and audio from digital sources like a DVD player, video game or computer at the highest quality. You only need one cable, and 1080p compatibility means you can watch Full HD sources.

With REGZA link function, REGZA TV (Z3500, RV500 & CV500 Series) remote control unit can operate the functions of connected components like a DVD player and PC — power on/off, volume, play, pause, fast forward and rewind. You have easy access to on-screen menus, too.



### PC Control

When your REGZA TV is connected to a REGZA LINK-compatible PC, it automatically adjusts the size of both still and video images. In addition, according to the content, it automatically adjusts for optimum image quality.



Note: This feature is only available with the following Toshiba PCs: Satellite M300, Satellite A300, Qosmio G50

\* REGZA LINK is effective only with equipment having the REGZA LINK function.

Auto Adjustment, Optimum Contrast, Clear Images

## Ambient Light Sensor



(RV500 & CV500 Series)

Naturally, the amount of light in the room affects how you see the picture, but until now TVs have not been able to do anything about this. Thanks to the Ambient Light Sensor, REGZA TVs are able to respond to room lighting conditions, adjusting their contrast to ensure optimum picture quality.

In a bright room during the day.



In rooms with large windows or bright lights, the luminance can be more than 1,500 lux. Settings are automatically adjusted for best picture.

In a dimly lit room in the evening.



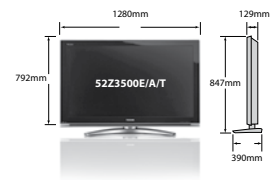
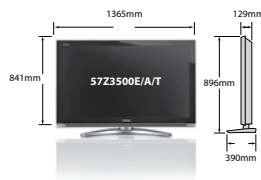
The luminance in these types of rooms will vary from about 50 to 400 lux. The TV adjusts its contrast to best match the illumination.

Watching a movie in a dark room.



A dark room will only have about 20 lux of light. The picture is adjusted to provide the clearest image in this low light.

\* All illustrations shown in the catalogue are for reference



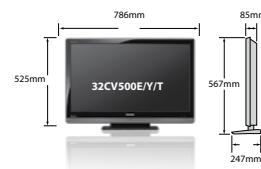
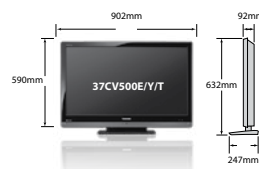
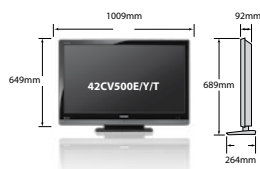
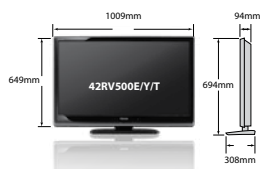
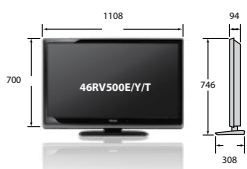
MODEL	Z3500 SERIES	
	57Z3500E/A/T	52Z3500E/A/T
Product Type	Full HD 100Hz LCDTV	Full HD 100Hz LCD TV
Screen Type	57	52
Aspect Ratio	16:9	16:9
Dynamic Contrast Ratio*	6,700:1	10,000:1
Brightness (cd/m2)	500	500
Panel Resolution	1920 x 1080	1920 x 1080
Viewing Angle (degrees)	178	178
Panel Response Speed (ms)	8	6
<b>SIGNALS</b>		
Receiving System	PAL I/ BG/ DK, SECAM BG/ DK, NTSC M/ BG 4.43	
Colour System	PAL, SECAM, NTSC 3.58 / 4.43	
Video Signal	480i/480p (60Hz), 576i/576p (50Hz), 720p (50/60Hz), 1080i (50/60Hz), 1080p (24/50/60Hz) through HDMI	
RGB Signal**		
VGA: 640 x 480	60/ 75Hz	
SVGA: 800 x 600	60/ 75Hz	
XGA: 1024 x 768	60/ 70/ 75Hz	
W-XGA: 1280 x 768	60Hz (@68.25MHz, @79.5MHz)/ 75Hz	
W-XGA: 1360 x 768	60Hz	
S-XGA: 1280 x 1024	60/ 75Hz	
<b>VISUAL</b>		
Video Engine	Meta Brain Pro 100 (100/120Hz)	
Video Processing	10-bit	
3D Colour Management	O	
Comb Filter	3D Y/C (PAL & NTSC)	
Exact Scan Mode	O	
Intelligent Backlight Control	O	
<b>AUDIO</b>		
Sound System	SRS WOW	
Stereo System	NICAM B/G, I, D/K, & German Stereo B/G, D/K	
Speaker System	Super Slim Speakers	
Speakers	Main (10 x 10cm) x 2	
Audio Output (10% RMS)	10W x 2	
<b>CONNECTION</b>		
Antenna Input	1	
EXT 1	Input: S-Video + Composite Video + RCA Audio	
EXT 2	Input: S-Video + Composite Video + RCA Audio	
EXT 3	Input: Component Video + RCA Audio	
EXT 4	Input: Component Video + RCA Audio	
EXT 5	Input: HDMI 1 (v1.3 with Deep Colour, xvYCC) + RCA Audio (Common with PC Audio)	
EXT 6	Input: HDMI 2 (v1.3 with Deep Colour, xvYCC)	
EXT 7	Input (Side): HDMI 3 (v1.3 with Deep Colour, xvYCC)	
PC Input	D-Sub 15-Pin + RCA Audio (Common with HDMI 1 Audio)	
Monitor Output	Composite Video + RCA Audio	
Headphone	3.5mm Mini Jack	
<b>FEATURES</b>		
Teletext	O	
Multilingual OSD	English / French / Persian / Russian / Simplified Chinese / Malay / Vietnamese / Thai / Arabic	
Picture-in-Picture / Double Window	2-Tuner Double Window	
Ambient Light Sensor	-	
REGZA Link	O (HDMI CEC)	
Hotel Mode***	O	
Pedestal Stand	Fixed Stand	
<b>GENERAL</b>		
Automatic Voltage Regulator	E: 220-240V 50/60Hz A: 220-240V 50Hz T: 110-240V 50/60Hz	
Power Consumption (W)	474	338
Standby Power Consumption (W)	<1	<1
Weight (Net) kg without Stand	52.5	39.5
Weight (Net) kg with Stand	57.9	44.8
<b>OPTIONAL ACCESSORIES</b>		
Wall Mount Bracket	WAL12S	

\* Dynamic contrast ratio is measured according to Toshiba standards.

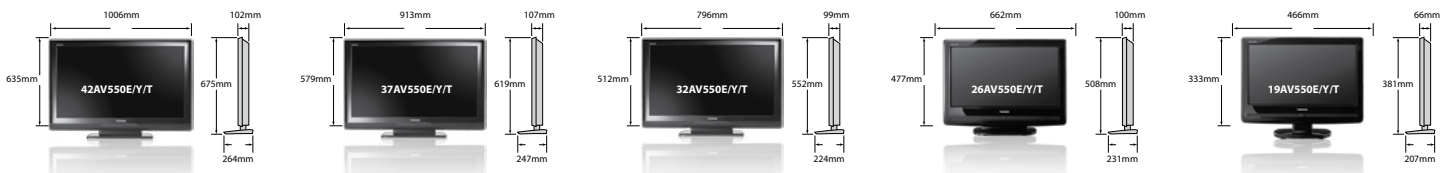
\*\* These signal formats are converted to match the number of pixels of the panel. Small text may not be displayed properly.

\*\*\* Hotel Mode is designed for use in hotels only.

Design and specifications are subject to change without prior notice



RV500 SERIES		CV500 SERIES		
46RV500E/Y/T	42RV500E/Y/T	42CV500E/Y/T	37CV500E/Y/T	32CV500E/Y/T
Full HD LCD TV	Full HD LCD TV	HD Ready LCD TV	HD Ready LCD TV	HD Ready LCD TV
46	42	42	37	32
16:9	16:9	16:9	16:9	16:9
30,000:1	30,000:1	17,000:1	15,000:1	15,000:1
500	500	500	500	500
1920 x 1080	1920 x 1080	1366 x 768	1366 x 768	1366 x 768
178	176	178	178	178
8	6.5	5	5	9
PAL I/ BG/ DK, SECAM BG/ DK, NTSC M/ BG 4.43		PAL I/ BG/ DK, SECAM BG/ DK, NTSC M/ BG 4.43		
PAL, SECAM, NTSC 3.58 / 4.43		PAL, SECAM, NTSC 3.58 / 4.43		
480i/480p (60Hz), 576i/576p (50Hz), 720p (50/60Hz), 1080i (50/60Hz), 1080p (24/25/30/50/60Hz) through HDMI		480i/480p (60Hz), 576i/576p (50Hz), 720p (50/60Hz), 1080i (50/60Hz), 1080p (24/25/30/50/60Hz) through HDMI		
60/ 72/ 75Hz		60/ 72/ 75Hz		
60/ 72/ 75Hz		60/ 72/ 75Hz		
60/ 70/ 75Hz		60/ 70/ 75Hz		
60Hz (@68.25MHz, @79.5MHz)/ 75Hz		60Hz (@68.25MHz, @79.5MHz)/ 75Hz		
60Hz		60Hz		
60/ 75Hz		60/ 75Hz (Compressed)		
Power Meta Brain		Power Meta Brain		
10-bit		10-bit		
O		O		
3D Y/C (PAL & NTSC)		3D Y/C (PAL & NTSC)		
O		-		
O		O		
SRS WOW		SRS WOW		
NICAM B/G, I, D/K, & German Stereo B/G, D/K		NICAM B/G, I, D/K, & German Stereo B/G, D/K		
Slim Speakers		Slim Speakers		
Main (3.5 x 16cm) x 2		Main (3.5 x 16cm) x 2		
10W x 2		10W x 2		
1		1		
Input: Composite Video + RCA Audio		Input: Composite Video + RCA Audio		
Input: S-Video + Composite Video + RCA Audio		Input: S-Video + Composite Video + RCA Audio		
Input: Component Video + RCA Audio		Input: Component Video + RCA Audio		
Input: Component Video + RCA Audio		Input: Component Video + RCA Audio		
Input: HDMI 1 + 3.5mm Mini Jack (Common with PC Audio)		Input: HDMI 1 + 3.5mm Mini Jack (Common with PC Audio)		
Input: HDMI 2		Input: HDMI 2		
Input (Side): HDMI 3		Input (Side): HDMI 3		
D-Sub 15-Pin + 3.5mm Mini Jack Audio (Common with HDMI 1 Audio)		D-Sub 15-Pin + 3.5mm Mini Jack (Common with HDMI 1 Audio)		
Composite Video + RCA Audio		Composite Video + RCA Audio		
3.5mm Mini Jack		3.5mm Mini Jack		
O		O		
English / French / Persian / Russian / Simplified Chinese / Malay / Vietnamese / Thai / Arabic		English / French / Persian / Russian / Simplified Chinese / Malay / Vietnamese / Thai / Arabic		
1-Tuner Picture-in-Picture		1-Tuner Picture-in-Picture		
O		O		
O (HDMI CEC)		O (HDMI CEC)		
O		O		
Swivel Stand (15° Left & 15° Right)		Fixed Stand		
E: 220-240V 50/60Hz Y: 220-240V 50Hz T: 110-240V 50/60Hz		E: 220-240V 50/60Hz Y: 220-240V 50Hz T: 110-240V 50/60Hz		
273	239	202	157	136
0.9	0.9	0.9	0.9	0.9
22.8	21.1	20.7	17.1	14.1
27.5	25.0	22.3	18.1	15.1
WAL12S		WAL12S		



**AV550 SERIES**

42AV550E/Y/T	37AV550E/Y/T	32AV550E/Y/T	26AV550E/Y/T	19AV550E/Y/T
HD Ready LCD TV	HD Ready LCD TV	HD Ready LCD TV	HD Ready LCD TV	HD Ready LCD TV
42	37	32	26	19
16:9	16:9	16:9	16:9	16:9
15,000:1	23,000:1	18,000:1	30,000:1	19,000:1
500	500	450	450	300
1366 x 768	1366 x 768	1366 x 768	1366 x 768	1366 x 768
178	178	176	178	170
5	5	7	8	-
PAL I/ BG/ DK, SECAM BG/ DK, NTSC M/ BG 4.43				
PAL, SECAM, NTSC 3.58 / 4.43				
480i/480p (60Hz), 576i/576p (50Hz), 720p (50/60Hz), 1080i (50/60Hz), 1080p (50/60Hz) through HDMI				
60Hz				
60Hz				
60Hz				
60Hz (@68.25MHz, @79.5MHz)				
60Hz				
60Hz (Compressed)				
Power Meta Brain				
10-bit				
O				
2D Y/C (PAL & NTSC)				
-				
O				
-				
NICAM B/G, I, D/K, & German Stereo B/G, D/K				
Slim Speakers				
Main (3.5 x 12cm) x 2		Main (4.1 x 7.1cm) x 2		
10W x 2		5W x 2		
1				
Input: Composite Video + RCA Audio				
Input: S-Video + Composite Video + RCA Audio				
Input: Component Video + RCA Audio				
Input: HDMI + RCA Audio (Common with PC Audio)				
-				
-				
D-Sub 15-Pin + RCA Audio (Common with HDMI Audio)				
Composite Video + RCA Audio				
3.5mm Mini Jack				
O				
English / French / Persian / Russian / Simplified Chinese / Malay / Vietnamese / Thai / Arabic				
-				
-				
O				
Fixed Stand			Tilt Stand	
E: 220-240V 50/60Hz, Y: 220-240V 50Hz, T: 110-240V 50/60Hz				
191	153	115	94	31
0.6	0.6	0.6	0.6	0.5
18.0	14.5	11.5	9.0	5.0
20.5	15.5	12.5	9.5	5.5
WAL12S			WAL7C	

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