2. Product Specification

2-1 Product Features

Block	Specfication	EU	East asia/CIS	Remark
CRT	- Slimmer than existing CRTs Existing: 495mm → Slimfit : 365mm	Vixlim CRT	Vixlim CRT	
RF Part	- Same as for the OZ(S62A) Model	TMQZ2-402A, PAL-CW	TMQZ2-401A, PAL-CS	
Power	- Input Voltage : AC 230V (Europe) - Stand-By : Less than 3W	STR-X6750	STR-X6750	
Video	- PAL/SECAM/NT4.43 - Progressive 100Hz(Full 100Hz)	VCT69xyP CXA2165	VCT69xyP CXA2165	
Audio	- Output : 10W x 2 - Function : SRS-TRUSURROUND	VCT69xyP	VCT69xyP	

Cabinet	- New Front and Back Cabinets
	- 184mm of saved space compared to
	  the existing model
	  A11:580mm → Z40:396mm
		Z40 Design Applied
		FPTV Looking Design
		Black Bezel 2Tone
		Color Design
			Z30(OZ) Design Applied
			FPTV Looking Design
			Black Bezel 2Tone
			Color Design	

■ Core Parts Functions

- VCT69xyP : RF-CVBS,EXT-CVBS,FRONT Y,C,SCART1 R/G/B input and Video Signal Processing.
            Provides S-IF Analog audio And Digital audio signal input and decoding functions.
            I2C-Comunication,Master Control Micom, Rom Micom
- CXA2165 : H-out,VD-P,VD-N,RGB output,Video and Deflection Signal Processing.
- MST3383M : HDMI decoding Functions
- TW9906 : PIP Processor

2-2 Key Features

Model	WS32Z40 / CW29Z40 (Europe)	WS32Z40 / WS32Z30 / CS29Z40 (CIS)
Voltage	AC230V	160~300V
Frequency of Operation	50/60 Hz	50/60 Hz
Dimensions(mm)	934X399X568 (32") 796X421X593 (29")	934X399X568 (32") 796X421X593 (29")
Weight	54.5Kg (32") 43.0Kg (29")	54.5Kg (32") 43.0Kg (29")

■ H/W Configuration
  - Slimfit(Low Depth) CRT adopted
  - Progressive 100Hz (Full 100Hz)

■ S/W Configuration
  - Multi System PAL/SECAM(CIS Option:NTSC4.43/NTSC3.58)
  - ATS, Auto Wide, Pre Channel, On/Off Timer, Zoom, Blue Screen

■ Picture
  - System
    Video : PAL/SECAM/ NTSC3.58(CIS Option)
    Sound : B/G, D/K, I, L/L', M(CIS Option)
  - Black Level expansion, CTI, VM, Dynamic focus
  - AKB(Auto kinetic Bias)
  - Still picture, Digital Noise reduction
  - PIP (2Tuner) : Option
  - Auto Wide

■ Sound
  - System : A2+Niacam Stereo, SRS Trusurround
  - Output : 10W+10W
  - Speaker : 2EA
  - AVL, Melody, Auto Stereo, Auto Mute, Equalize

■ In/Out Terminals
  - Side : 1 CVBS Input, 1 S-Video Input, Sound L/R
  - Rear : 2 Scart, 1 Component(480i/480P/576i/576P/720P/1080i/1080P 50Hz/60Hz), 1 HDMI Input(Option)

■ Remocon : TM86

■ Power Supply
  - Europe(230V), CIS(160V- 300V)

■ Power Consumption
  - Stand-by : 3W
  - Max Power : 180W

2-3 Specifications Analysis

	Model	WS32Z30/CW29Z30	WS-32Z409T
	Chassis	S62B	S63A
	Design		
Basic	Product Type	Slimfit CRT	Slimfit CRT
	Digital Display	-	-
	Screen Size	32 / 29 inch	32 / 29 inch
	Aspect Ratio	16:9 / 4:3	16:9 / 4:3
Visual Quality	Digital Comb Filter	-	○
	Screen Pitch	0.73	0.73
	AKB	○	○
	Digital Noise Reduction	○	○
	DNIe	-	-
	3:2 Pull Down Support	-	-
Audio	Base/Treble/Balance	-	-
	Equalizer	5 Band	5 Band
	AVL	○	○
	Surround	SRS-WOW	SRS-TRUSURROUND
	Speaker System	Direct	Direct
	Speaker Output	10W + 10W	10W + 10W
Function	Dual Screen Function	-	-
	Double Screen	-	-
	TTX	10page/200page(Option)	750page(Option)
	Still Picture	○	○
	Auto Jack Recognition	-	-
Ports	Antenna In	Rear : 1	Rear : 1
	External In	Rear:2, Side:1	Rear:2, Side:1
	S-Video	Side : 1	Side : 1
	Y/Pb/Pr	-	Rear : 1
	PC	-	-
	DVI	-	-
	HDMI	-	Rear : 1
	Digital Audio Out	-	-
	Video Out	Rear : 1	Rear : 1
	Audio Out	-	-

2-4 Accessories

Accessories		Item	Item code	Remark
Supplied Accessories		Remote Control Batteries	AA59-00382A 4301-000121	Samsung Service center
		Owner's Instructions	AA68-03784A	
		Warranty Card Registration Card Safety Guide Manual	BN68-00514B AA68-03575A AA68-03242E	
Accessories that can be purchased additionally		Video Cable Audio Cable	-	Internet shopping mall
		Component Cable(RCA)	-	
		Antenna Cable	-	
		HDMI Cable	-	
		HDMI/DVI Cable	-	