

SINREEN



Professional LED TV Manufacturer CBU SKD CKD for ATV/DTV/Smart TV

N Series Regular TV

S Series Smart TV

P Series Regular TV

U Series Smart TV

LOGO customization Packaging customization Remote control customization

Company introduction

SINOPEC LIAONING OPTRONIC TECHNOLOGY CO., LTD. founded in 2008, (own its brand Sinreen) is an enterprise integrating R&D, production, and sales of LED TVs, monitors, large live broadcast screens, projectors, smart tutoring machines, advertising machines, etc.



SINREEN is located in shenyang, Liaoning, and has a standardized workshop of more than 10,000 square meters, 3 advanced production lines, and more than 200 employees, including 10 senior R&D engineers.

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Over the years, SINREEN has always adhered to quality management and sold its high-quality and stable products to all parts of China, as well as to Europe, America, the Middle East, Africa, South-east Asia, and other parts of the world.



Our customers are very satisfied with our product quality and that's why they keep cooperating with us for many years. In 2018, the company concluded strategic cooperation with China, the top 5 air conditioner manufacturer in China, and became Chigo's exclusive designated manufacturer for TV and commercial display.

SINREEN has rich and successful experience in the TV industry during the past 15 years, and also has strong channels to purchase components so that we can low down customer purchasing costs.

We look forward to working with our customers to create a beautiful and brilliant future with high-quality products and good services!



DIRECTORY

1. N series TV

2. S series TV

3. P series TV

4. U series TV

5. Custom TV

6. TV production



S - SERIE Smart TV

S-21.5 "series



Screen size	21.5 inches	Screen ratio	16:09	Overall size	505.3*65.3*301.8mm
TV motherboard	M368V3.0	Screen	A+	Scanning method	line-by-line scan
System	Android 9.0	Resolution	1920*1080	Analog format	PAL/NTSC/SECAM
RAM	512M	Backlight brightness	210(cd/m2)	Digital format	DTMB
ROM	4GB	Scanning frequency	60Hz	USB video format	AVI/MPG/MKV/MOV/MP4/RM/RMVB/FLV
CPU	ARM Cortex-A53 quad core CPU	Response time	8MS	USB audio format	MP3/WMA
CPU frequency	1.5GHz	Viewing angle	178/178°	Sound Features	Five-stage balance
GPU	G31MP2 Quad Core	Voltage	AC 96-240V	USB image format	JPG/BMP/PNG/GIF
GPU frequency	550MHZ	Standby power	0.5W	Speaker output power	8 Ω 10W
WIFI	802.11b/g/n 2.4G	Output power	32W	Speaker	2
Input interface	DC IN*1 HDMI*2, AV audio and video*1, USB*1, wired network RJ45*1 (10M/100M) antenna RF*1 (digital-analog integrated)				
Output Interface	Headphone analog audio*1 COAXIAL*1				

S-23.6 "series



Screen size	23.6 inches	Screen ratio	16:09	Overall size	555*84*333.5mm
TV motherboard	M368V3.0	Screen	A+	Scanning method	line-by-line scan
System	Android 9.0	Resolution	1366*768	Analog format	PAL/NTSC/SECAM
RAM	512M	Backlight brightness	210(cd/m2)	Digital format	DTMB
ROM	4GB	Scanning frequency	60Hz	USB video format	AVI/MPG/MKV/MOV/MP4/RM/RMVB/FLV
CPU	ARM Cortex-A53 quad core CPU	Response time	8MS	USB audio format	MP3/WMA
CPU frequency	1.5GHz	Viewing angle	178/178°	Sound Features	Five-stage balance
GPU	G31MP2 Quad Core	Voltage	AC 96-240V	USB image format	JPG/BMP/PNG/GIF
GPU frequency	550MHZ	Standby power	0.5W	Speaker output power	8 Ω 10W
WIFI	802.11b/g/n 2.4G	Output power	36W	Speaker	2
Input interface	DC IN*1 HDMI*2, AV audio and video*1, USB*1, wired network RJ45*1 (10M/100M) antenna RF*1 (digital-analog integrated)				
Output Interface	Headphone analog audio*1 COAXIAL*1				

S-32 "series



Screen size	32 inches	Screen ratio	16:09	Overall size	736*78*436.5mm
TV motherboard	M368V3.0	Screen	A+	Scanning method	line-by-line scan
System	Android 5.1	Resolution	1366*768	Analog format	PAL/NTSC/SECAM
RAM	512M	Backlight brightness	210(cd/m2)	Digital format	DTMB
ROM	4GB	Scanning frequency	60Hz	USB video format	AVI/MPG/MKV/MOV/MP4/RM/RMVB/FLV
CPU	A53 dual-core CPU (64-bit)	Response time	8MS	USB audio format	MP3/WMA
CPU frequency	1.5GHz	Viewing angle	178/178°	Sound Features	Five-stage balance
GPU	Mali-450MP quad-core GPU	Voltage	AC 96-240V	USB image format	JPG/BMP/PNG/GIF
GPU frequency	550MHZ	Standby power	0.5W	Speaker output power	8 Ω 10W
WIFI	802.11b/g/n 2.4G	Output power	40W	Speaker	2
Input interface	HDMI*1, AV audio and video*2, USB*2, wired network RJ45*1 (10M/100M) antenna RF*1 (digital-analog integrated)				
Output Interface	Headphone analog audio*1				

S-38.5 "series



Screen size	38.5 inches	Screen ratio	16:09	Overall size	894.5*78.6*515.2mm
TV motherboard	TP.ATM30.PB816	Screen	A+	Scanning method	line-by-line scan
System	Android 5.1	Resolution	1366*768	Analog format	PAL/NTSC/SECAM
RAM	512M	Backlight brightness	210(cd/m2)	Digital format	DTMB
ROM	4GB	Scanning frequency	60Hz	USB video format	AVI/MPG/MKV/MOV/MP4/RM/RMVB/FLV
CPU	A53 dual-core CPU (64-bit)	Response time	8MS	USB audio format	MP3/WMA
CPU frequency	1.5GHz	Viewing angle	178/178°	Sound Features	Five-stage balance
GPU	Mali-450MP quad-core GPU	Voltage	AC 96-240V	USB image format	JPG/BMP/PNG/GIF
GPU frequency	550MHZ	Standby power	0.5W	Speaker output power	8 Ω 10W
WIFI	802.11b/g/n 2.4G	Output power	42W	Speaker	2
Input interface	HDMI*1, AV audio and video*2, USB*2, wired network RJ45*1 (10M/100M) antenna RF*1 (digital-analog integrated)				
Output Interface	Headphone analog audio*1				

S-39.5" series



Screen size	39.5 inches	Screen ratio	16:09	Overall size	894.5*78.6*515.2mm
TV motherboard	TP.ATM30.PB816	Screen	A+	Scanning method	line-by-line scan
System	Android 5.1	Resolution	1366*768	Analog format	PAL/NTSC/SECAM
RAM	512M	Backlight brightness	210(cd/m2)	Digital format	DTMB
ROM	4GB	Scanning frequency	60Hz	USB video format	AVI/MPG/MKV/MOV/MP4/RM/RMVB/FLV
CPU	A53 dual-core CPU (64-bit)	Response time	8MS	USB audio format	MP3/WMA
CPU frequency	1.5GHz	Viewing angle	178/178°	Sound Features	Five-stage balance
GPU	Mali-450MP quad-core GPU	Voltage	AC 96-240V	USB image format	JPG/BMP/PNG/GIF
GPU frequency	550MHZ	Standby power	0.5W	Speaker output power	8 Ω 10W
WIFI	802.11b/g/n 2.4G	Output power	42W	Speaker	2
Input interface	HDMI*1, AV audio and video*2, USB*2, wired network RJ45*1 (10M/100M) antenna RF*1 (digital-analog integrated)				
Output Interface	Headphone analog audio*1				

S-43" series



Screen size	43 inches	Screen ratio	16:09	Overall size	970*83.72*564mm
TV motherboard	TP.ATM30.PB816	Screen	A+	Scanning method	line-by-line scan
System	Android9.0	Resolution	1920*1080	Analog format	PAL/NTSC/SECAM
RAM	512M	Backlight brightness	200(cd/m2)	Digital format	DTMB
ROM	4GB	Scanning frequency	60Hz	USB video format	AVI/MPG/MKV/MOV/MP4/RM/RMVB/FLV
CPU	A53 dual-core CPU (64-bit)	Response time	8MS	USB audio format	MP3/WMA
CPU frequency	1.5GHz	Viewing angle	178/178°	Sound Features	Five-stage balance
GPU	Mali-450MP quad-core GPU	Voltage	AC 96-240V	USB image format	JPG/BMP/PNG/GIF
GPU frequency	550MHZ	Standby power	0.5W	Speaker output power	8 Ω 10W
WIFI	802.11b/g/n 2.4G	Output power	48W	Speaker	2
Input interface	HDMI*1, AV audio and video*2, USB*2, wired network RJ45*1 (10M/100M) antenna RF*1 (digital-analog integrated)				
Output Interface	Headphone analog audio*1				

S-50 "series



Screen size	50 inches	Screen ratio	16:09	Overall size	1135.1*77*661.8mm
TV motherboard	TP.ATM50.PB801	Screen	A+	Scanning method	line-by-line scan
System	Android9.0	Resolution	1920*1080	Analog format	PAL/SECAM
RAM	512M	Backlight brightness	200(cd/m2)	Digital format	DTMB
ROM	4GB	Scanning frequency	60Hz	USB video format	AVI/MPG/MKV/MOV/MP4/RM/RMVB/FLV
CPU	A53 Quad-core CPU (64-bit)	Response time	8MS	USB audio format	MP3/WMA
CPU frequency	1 GHz	Viewing angle	178/178°	Sound Features	Five-stage balance
GPU	Mali-G31MP2 Quad-core GPU	Voltage	AC 96-240V	USB image format	JPG/BMP/PNG/GIF
GPU frequency	550MHZ	Standby power	0.5W	Speaker output power	8 Ω 10W
WIFI	802.11b/g/n 2.4G	Output power	68W	Speaker	2
Input interface	HDMI*1, AV audio and video*2, USB*2, wired network RJ45*1 (10M/100M) antenna RF*1 (digital-analog integrated)				
Output Interface	Headphone analog audio*1				

S-55 "series



Screen size	55 inches	Screen ratio	16:09	Overall size	1248.4*76.9*725.6mm
TV motherboard	TP.ATM50.PB801	Screen	A+	Scanning method	line-by-line scan
System	Android9.0	Resolution	1920*1080	Analog format	PAL/SECAM
RAM	512M	Backlight brightness	250(cd/m2)	Digital format	DTMB
ROM	4GB	Scanning frequency	60Hz	USB video format	AVI/MPG/MKV/MOV/MP4/RM/RMVB/FLV
CPU	A53 Quad-core CPU (64-bit)	Response time	8MS	USB audio format	MP3/WMA
CPU frequency	1 GHz	Viewing angle	178/178°	Sound Features	Five-stage balance
GPU	Mali-G31MP2 Quad-core GPU	Voltage	AC 96-240V	USB image format	JPG/BMP/PNG/GIF
GPU frequency	550MHZ	Standby power	0.5W	Speaker output power	8 Ω 10W
WIFI	802.11b/g/n 2.4G	Output power	72W	Speaker	2
Input interface	HDMI*2, AV audio and video*2, USB*2, wired network RJ45*1 (10M/100M) antenna RF*1 (digital-analog integrated)				
Output Interface	Headphone analog audio*1, coaxial digital audio*1				

S-58 "series



Screen size	58 inches	Screen ratio	16:09	Overall size	1308.9*76.9*766.6mm
TV motherboard	TP.ATM50.PB801	Screen	A+	Scanning method	line-by-line scan
System	Android9.0	Resolution	1920*1080	Analog format	PAL/SECAM
RAM	512M	Backlight brightness	250(cd/m2)	Digital format	DTMB
ROM	4GB	Scanning frequency	60Hz	USB video format	AVI/MPG/MKV/MOV/MP4/RM/RMVB/FLV
CPU	A53 Quad-core CPU (64-bit)	Response time	8MS	USB audio format	MP3/WMA
CPU frequency	1 GHz	Viewing angle	178/178°	Sound Features	Five-stage balance
GPU	Mali-G31MP2 Quad-core GPU	Voltage	AC 96-240V	USB image format	JPG/BMP/PNG/GIF
GPU frequency	550MHZ	Standby power	0.5W	Speaker output power	8 Ω 10W
WIFI	802.11b/g/n 2.4G	Output power	75W	Speaker	2
Input interface	HDMI*2, AV audio and video*2, USB*2, wired network RJ45*1 (10M/100M) antenna RF*1 (digital-analog integrated)				
Output Interface	Headphone analog audio*1, coaxial digital audio*1				

S-65 "series



Screen size	65 inches	Screen ratio	16:09	Overall size	1479.3*77.4*855.3mm
TV motherboard	TP.ATM50.PB801	Screen	A+	Scanning method	line-by-line scan
System	Android9.0	Resolution	1920*1080	Analog format	PAL/SECAM
RAM	512M	Backlight brightness	200(cd/m2)	Digital format	DTMB
ROM	4GB	Scanning frequency	60Hz	USB video format	AVI/MPG/MKV/MOV/MP4/RM/RMVB/FLV
CPU	A53 Quad-core CPU (64-bit)	Response time	8MS	USB audio format	MP3/WMA
CPU frequency	1 GHz	Viewing angle	178/178°	Sound Features	Five-stage balance
GPU	Mali-G31MP2 Quad-core GPU	Voltage	AC 96-240V	USB image format	JPG/BMP/PNG/GIF
GPU frequency	550MHZ	Standby power	0.5W	Speaker output power	8 Ω 10W
WIFI	802.11b/g/n 2.4G	Output power	108W	Speaker	2
Input interface	HDMI*2, AV audio and video*2, USB*2, wired network RJ45*1 (10M/100M) antenna RF*1 (digital-analog integrated)				
Output Interface	Headphone analog audio*1, coaxial digital audio*1				

ST-50 "series



Screen size	50 inches	Screen ratio	16:09	Overall size	1154.1*78.1*661.3mm
TV motherboard	TP.ATM50.PB801	Screen	A+	Scanning method	line-by-line scan
System	Android9.0	Resolution	1920*1080	Analog format	PAL/SECAM
RAM	512M	Backlight brightness	200(cd/m2)	Digital format	DTMB
ROM	4GB	Scanning frequency	60Hz	USB video format	AVI/MPG/MKV/MOV/MP4/RM/RMVB/FLV
CPU	A53 Quad-core CPU (64-bit)	Response time	8MS	USB audio format	MP3/WMA
CPU frequency	1 GHz	Viewing angle	178/178°	Sound Features	Five-stage balance
GPU	Mali-G31MP2 Quad-core GPU	Voltage	AC 96-240V	USB image format	JPG/BMP/PNG/GIF
GPU frequency	550MHZ	Standby power	0.5W	Speaker output power	8 Ω 10W
WIFI	802.11b/g/n 2.4G	Output power	68W	Speaker	2
Input interface	HDMI*1, AV audio and video*2, USB*2, wired network RJ45*1 (10M/100M) antenna RF*1 (digital-analog integrated)				
Output Interface	Headphone analog audio*1				

ST-55 "series



Screen size	55 inches	Screen ratio	16:09	Overall size	1267.4*78.2*725.1mm
TV motherboard	TP.ATM50.PB801	Screen	A+	Scanning method	line-by-line scan
System	Android9.0	Resolution	1920*1080	Analog format	PAL/SECAM
RAM	512M	Backlight brightness	250(cd/m2)	Digital format	DTMB
ROM	4GB	Scanning frequency	60Hz	USB video format	AVI/MPG/MKV/MOV/MP4/RM/RMVB/FLV
CPU	A53 Quad-core CPU (64-bit)	Response time	8MS	USB audio format	MP3/WMA
CPU frequency	1 GHz	Viewing angle	178/178°	Sound Features	Five-stage balance
GPU	Mali-G31MP2 Quad-core GPU	Voltage	AC 96-240V	USB image format	JPG/BMP/PNG/GIF
GPU frequency	550MHZ	Standby power	0.5W	Speaker output power	8 Ω 10W
WIFI	802.11b/g/n 2.4G	Output power	72W	Speaker	2
Input interface	HDMI*1, AV audio and video*2, USB*2, wired network RJ45*1 (10M/100M) antenna RF*1 (digital-analog integrated)				
Output Interface	Headphone analog audio*1				

ST-58 "series



Screen size	58 inches	Screen ratio	16:09	Overall size	1327.9*78.2*766.1mm
TV motherboard	TP.ATM50.PB801	Screen	A+	Scanning method	line-by-line scan
System	Android9.0	Resolution	1920*1080	Analog format	PAL/SECAM
RAM	512M	Backlight brightness	250(cd/m2)	Digital format	DTMB
ROM	4GB	Scanning frequency	60Hz	USB video format	AVI/MPG/MKV/MOV/MP4/RM/RMVB/FLV
CPU	A53 Quad-core CPU (64-bit)	Response time	8MS	USB audio format	MP3/WMA
CPU frequency	1 GHz	Viewing angle	178/178°	Sound Features	Five-stage balance
GPU	Mali-G31MP2 Quad-core GPU	Voltage	AC 96-240V	USB image format	JPG/BMP/PNG/GIF
GPU frequency	550MHZ	Standby power	0.5W	Speaker output power	8 Ω 10W
WIFI	802.11b/g/n 2.4G	Output power	75W	Speaker	2
Input interface	HDMI*1, AV audio and video*2, USB*2, wired network RJ45*1 (10M/100M) antenna RF*1 (digital-analog integrated)				
Output Interface	Headphone analog audio*1				

ST-65 "series



Screen size	65 inches	Screen ratio	16:09	Overall size	1492.9*78.7*853.6mm
TV motherboard	TP.ATM50.PB801	Screen	A+	Scanning method	line-by-line scan
System	Android9.0	Resolution	1920*1080	Analog format	PAL/SECAM
RAM	512M	Backlight brightness	200(cd/m2)	Digital format	DTMB
ROM	4GB	Scanning frequency	60Hz	USB video format	AVI/MPG/MKV/MOV/MP4/RM/RMVB/FLV
CPU	A53 Quad-core CPU (64-bit)	Response time	8MS	USB audio format	MP3/WMA
CPU frequency	1 GHz	Viewing angle	178/178°	Sound Features	Five-stage balance
GPU	Mali-G31MP2 Quad-core GPU	Voltage	AC 96-240V	USB image format	JPG/BMP/PNG/GIF
GPU frequency	550MHZ	Standby power	0.5W	Speaker output power	8 Ω 10W
WIFI	802.11b/g/n 2.4G	Output power	75W	Speaker	2
Input interface	HDMI*1, AV audio and video*2, USB*2, wired network RJ45*1 (10M/100M) antenna RF*1 (digital-analog integrated)				
Output Interface	Headphone analog audio*1				



Custom Options

- ▶ 1.Appearance LOGO customization
- ▶ 2.Remote control LOGO customization
- ▶ 3.Boot LOGO customization
- ▶ 4.Remote control customization
- ▶ 5.Built-in APP customization
- ▶ 6.Built-in language customization
- ▶ 7.Performance customization
- ▶ 8.Manual customization
- ▶ 9.Customized outer packaging
- ▶ 10.Special customization

1. Appearance LOGO customization



2. Remote control LOGO customization



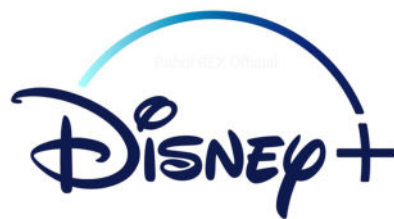
3.Boot LOGO customization



4.Remote control customization



5. Built-in APP customization



6. Built-in language customization



7. Performance customization



1. 512M+4G

3. 1.5G+8G

CVT

2. 1G+8G

4. 2G+16G

T2S2

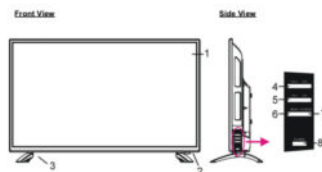
8. Manual customization

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GENERAL PARTS

MAIN UNIT



1. LED display screen
2. Remote control sensor / Power indicator- In standby mode the indicator light is red; when switching on the unit the indicator light is blue color.
3. Stand Holder
4. VOL +/- button- To increase/decrease the volume level or move left/right.
5. CH +/- button- To select next/previous channel or move up/down.
6. MENU button- To enter menu setting page.
7. SOURCE button- To select the input source.
8. POWER button- To turn the TV ON/OFF.

Wall Mount Specifications

Model No. LT-32N31054C

Compatible wall-mount size	Screw size for connecting the TV to the wall mount
VESA 200*200	Pan Head Screw M6x10mm(4PCS)

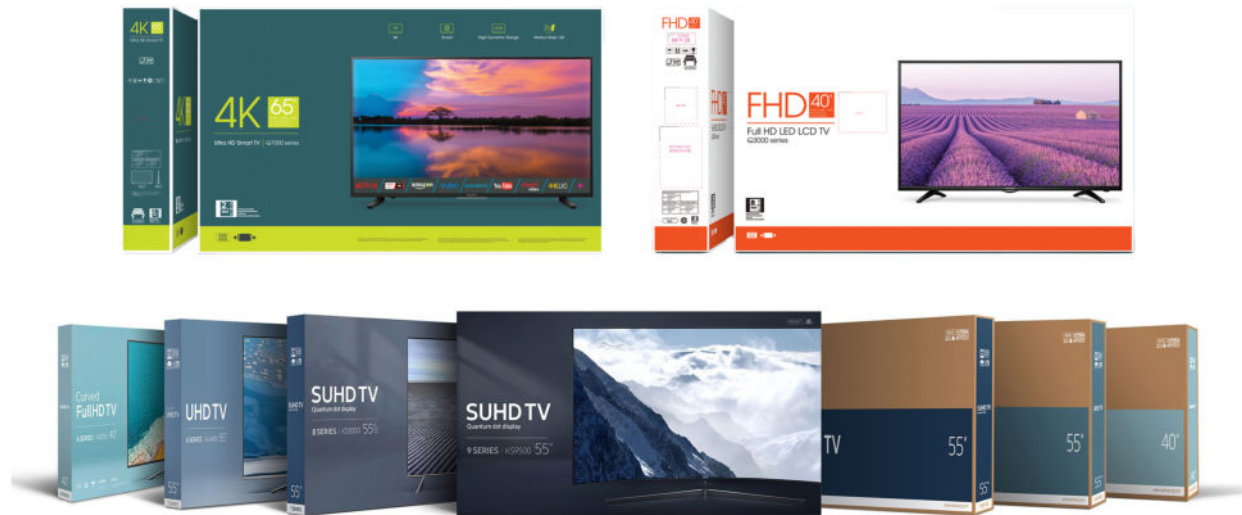
*The length of the screw specified is only a recommendation; actual length required can vary depending on the type of wall mount used.



Note:

1. Wall Mount is not included with the TV; it needs to be purchased separately.
2. Use only VESA-compatible wall mounts according to the specifications recommended for this model. Use of other wall mounts, or inappropriate installation may cause personal injuries or damage to the TV.
3. Please follow all instructions from the user manual of your chosen wall mount.

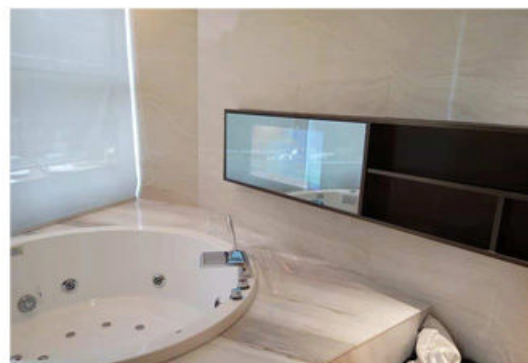
9. Customized outer packaging



10. Special customization

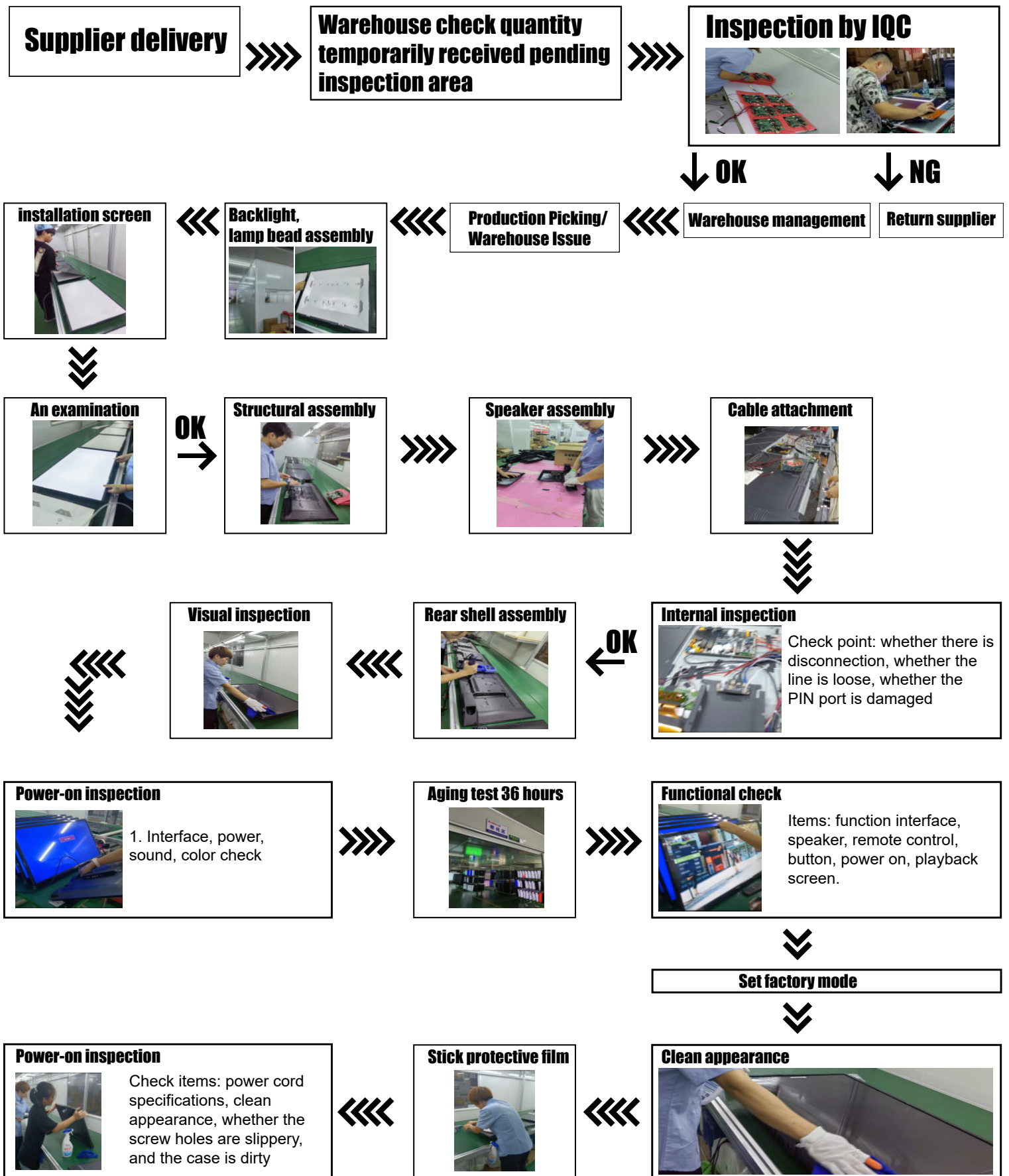


Explosion-proof treatment



Waterproof treatment

TV processing flow chart



Put accessories/packaging



Finished packaging



Finished product stack



Inventory of finished products





VR showroom



SINREEN



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