

BRAVIA IP Control Specification

Specification changes for RED-DA support

Document version 1.0.0

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Introduction

This document describes the specification changes for RED-DA support.

Target readership

Developers who have knowledge about specification of IP Control.

For more information about IP Control, please visit the BRAVIA Professional Displays Knowledge Center website:

- <https://pro-bravia.sony.net/develop/integrate/ip-control/>

NOTE:

This website is for BRAVIA B2B models and B2C models are out of scope.

Overview

Impact of RED-DA Regulatory Changes on BRAVIA

The RED-DA (Radio Equipment Directive - Delegated Act), which strengthens cybersecurity requirements for wireless communication devices in the EU to protect consumers and businesses, becomes mandatory from August 1, 2025.

To comply with this regulation, firmware updates - including an upgrade to Android 12 - for units destined for the European market incorporate the necessary modifications. Accordingly, product specifications are revised.
For details on the specification changes, please refer to the section below.

Applicable Models

Only models for the European market (models for other regions are not expected to undergo specification changes).

About B2C models, please see [Appendix 1: Applicable B2C models](#).

Current Models	BZ-L series	BZ30L/BZ35L/BZ40L/BZ50L/BZ53L
	BZ-J series	BZ30J(Only 32")
EOL Models	BZ-J series	BZ30J(Other than 32")/BZ35J/BZ40J
	BZ-H series	BZ40H

RED-DA Compliant Software Package

Support for the new RED-DA specifications began with the 7/E software package.

- PKG6.8088 and later
- PKG633.001 and later
- For units released before July 31, 2025: A network download is made available around summer 2025.
- For units released on or after August 1, 2025: Compliance is implemented starting from units shipped in summer 2025.

Variations in RED-DA Compliance Specifications Based on Shipment Timing

Due to differences in manufacturing timing, the specifications of the RED-DA compliant package vary. After the RED-DA regulation comes into effect, the following two cases exist.

	Case A	Case B
Launch Timing	Sets released by July 31, 2025	Sets released on or after August 1, 2025
RED-DA Support	Not mandatory. The specifications described below apply only if the package is updated to 7/E PKG.	Mandatory. The specifications are applied from the point of factory shipment.
Post-Update Specifications	The RED-DA-specific specifications described below are added, but continued use under the previous specifications is also possible.	Only the RED-DA-compliant specifications can be used.

Specification Changes

IP control settings UI

The following settings UI on BRAVIA is changed.

- Case A (PKG After 7/E)
 - Add: Communication mode
 - Add: Root certificate
- Case B
 - Add: Root certificate
 - Delete: Authentication

Before RED-DA support

After RED-DA support

Case A: For units released before July 31, 2025

Case B: For units released on or after August 1, 2025

PKG Before 7/E

PKG After 7/E

Settings > Network & Internet >

Remote device settings

Control remotely

Local network setup

IP control

Authentication

Pre-Shared Key

Simple IP control

Control4®

Settings > Network & Internet >

Remote device settings

Control remotely

Local network setup

IP control

Communication mode

Root certificate

Authentication

Pre-Shared Key

Simple IP control

Control4®

Settings > Network & Internet >

Remote device settings

Control remotely

Local network setup

IP control

Root certificate

Pre-Shared Key

Simple IP control

Control4®

NOTE:

In Case A, these settings values are inherited from “PKG Before 7/E” after updating to “PKG After 7/E”

NOTE:

In B2C models, “Local network setup” is replaced with “Home network”.

Case A (PKG After 7/E): IP control

IP control

Communication mode
HTTP

Root certificate

Authentication
Normal and Pre-Shared Key

Pre-Shared Key

Simple IP control
This may consume more energy.

Control4®

Communication mode

☒ HTTP

☐ HTTPS

Case B: IP control

IP control

Root certificate

Pre-Shared Key

Simple IP control
This may consume more energy.

Control4®

Root certificate

Root certificate information

Export root certificate
A USB flash drive is required to export.

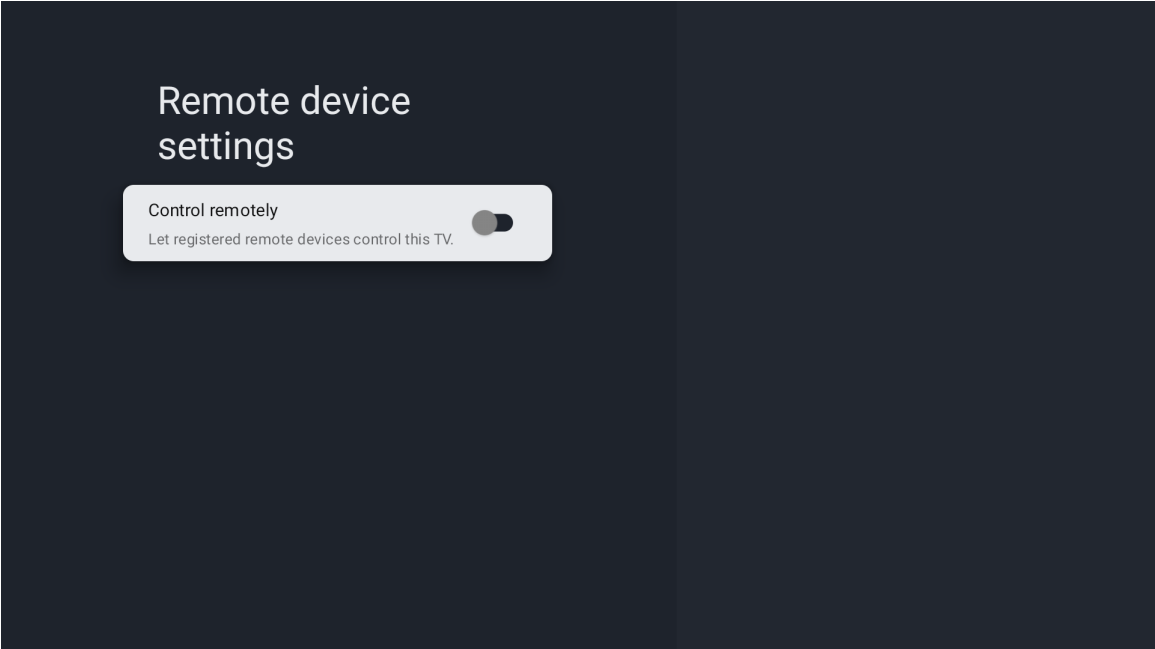
Control remotely

Before RED-DA support		After RED-DA support	
Case A: For units released before July 31, 2025		Case B: For units released on or after August 1, 2025	
Packages before RED-DA compliance		Packages after RED-DA compliance	
Settings > Network & Internet >		Settings > Network & Internet >	
Remote device settings		Remote device settings	
Control remotely		Control remotely	
Factory default: ON		Factory default: OFF	

To comply with RED-DA requirements, the “Control remotely” setting (IP control enablement) is changed to OFF by default.

NOTE:
Even for on-device communication, it is necessary to enable the setting.

Case B: Factory default: OFF

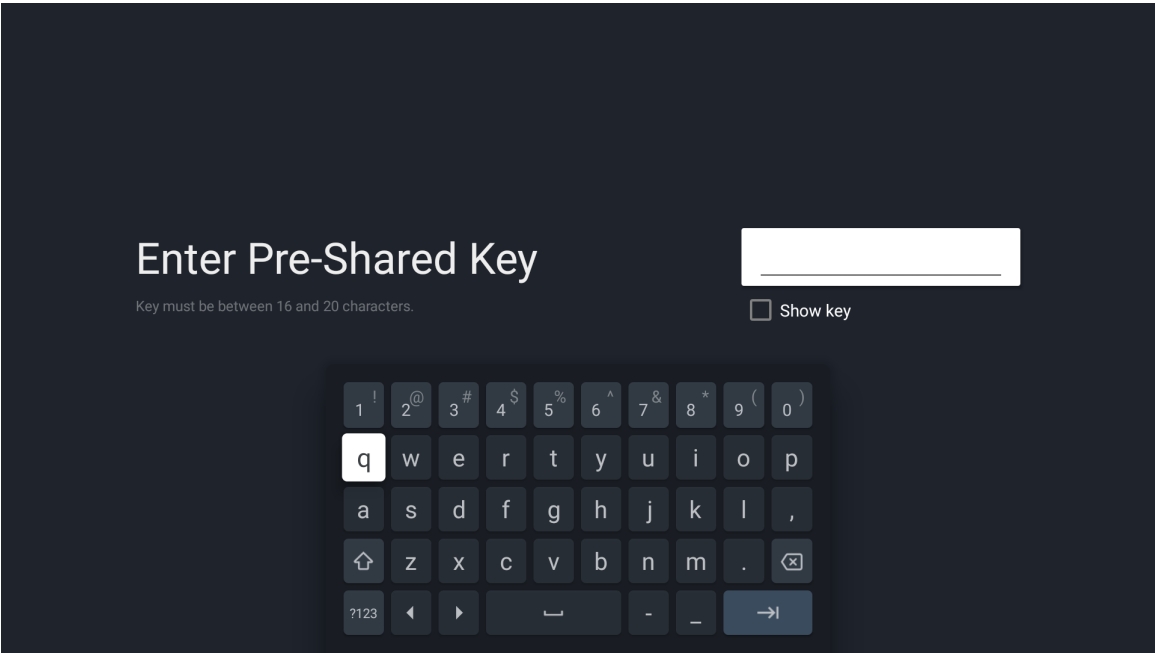


Authentication & Pre-Shared Key

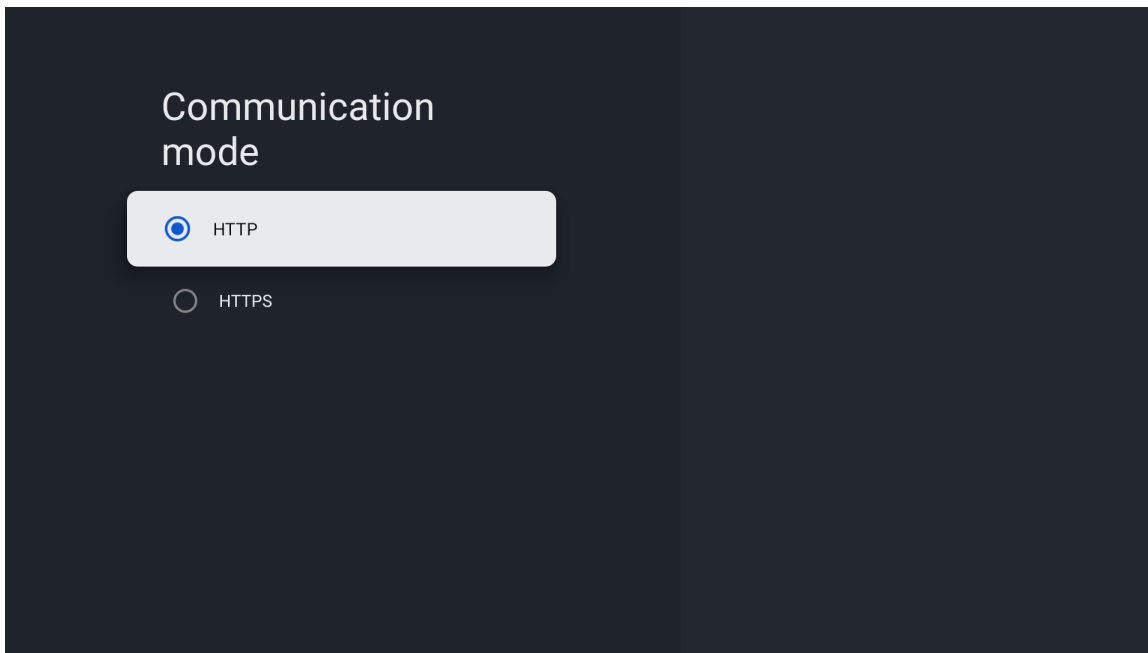
Before RED-DA support			After RED-DA support																							
Case A: For units released before July 31, 2025			Case B: For units released on or after August 1, 2025																							
PKG Before 7/E			PKG After 7/E																							
<div>Settings > Network & Internet ></div> <table><tr><td colspan="2">Local network setup</td></tr><tr><td rowspan="3"></td><td>IP control</td></tr><tr><td>Authentication</td></tr><tr><td>Pre-Shared Key</td></tr></table>			Local network setup			IP control	Authentication	Pre-Shared Key	<div>Settings > Network & Internet ></div> <table><tr><td colspan="2">Local network setup</td></tr><tr><td rowspan="3"></td><td>IP control</td></tr><tr><td>Authentication</td></tr><tr><td>Pre-Shared Key</td></tr></table>			Local network setup			IP control	Authentication	Pre-Shared Key	<div>Settings > Network & Internet ></div> <table><tr><td colspan="2">Local network setup</td></tr><tr><td rowspan="3"></td><td>IP control</td></tr><tr><td></td></tr><tr><td>Pre-Shared Key</td></tr></table> <div>delete</div>			Local network setup			IP control		Pre-Shared Key
Local network setup																										
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Local network setup																										
	IP control																									
	Pre-Shared Key																									
<div>Selectable Authentication Methods</div> <div>None / Normal / PSK / PSK and Normal</div> <ul style="list-style-type: none">• None: Disables authentication for IP control.• Normal: Requires a username and password for IP control.• PSK: Uses a pre-shared key (PSK) configured in advance.• PSK and Normal: Accepts both PSK and username/password authentication methods.			<ul style="list-style-type: none">• The authentication method is fixed to PSK, and the setting "Authentication" (used to select the method) is removed.• Under the PSK method, a minimum 16-character key is required.																							

Starting from units launched on or after August 1, 2025, the pre-shared key and its specifications are revised.

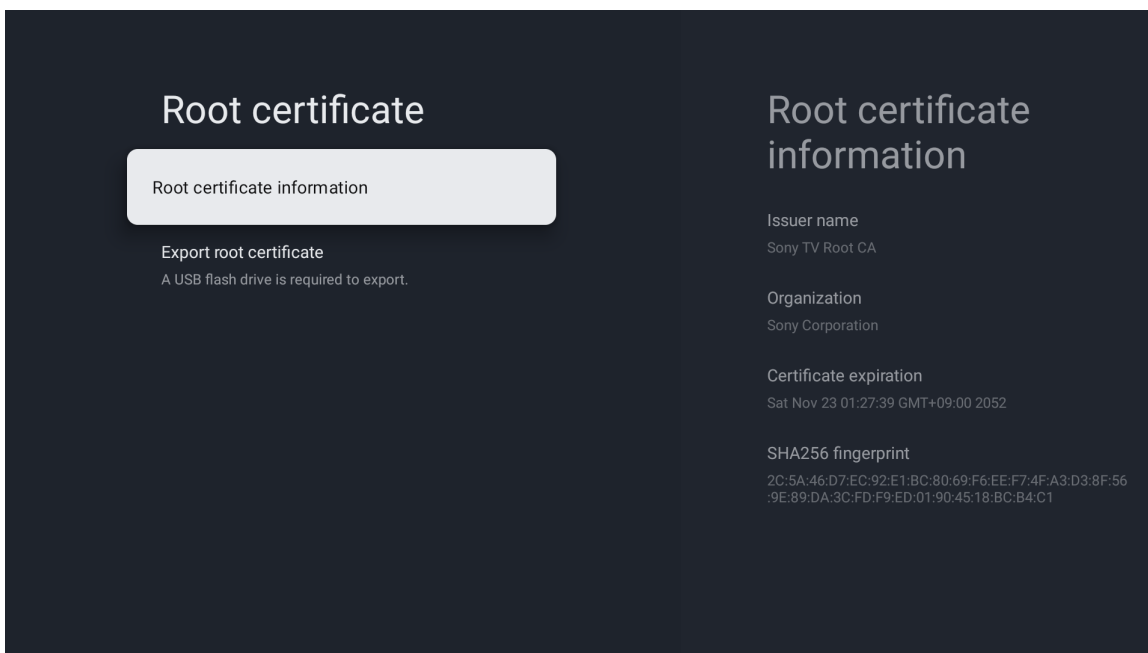
Case B: Pre-shared key requires minimum 16 characters



Case A (PKG After 7/E): Communication mode



Case A (PKG After 7/E) and Case B: Root certificate



Others

Change point	Case A: For units released before July 31, 2025	Case B: For units released on or after August 1, 2025	Change point
	PKG Before 7/E	PKG After 7/E	
API Deprecation (Web API)	getSystemSupportedFunction API returns a Mac address as 'value' parameter in the response.	getSystemSupportedFunction API returns "00" as 'value' parameter in the response.	If partner applications are using this API, they must stop using them and switch to obtaining the required data via getSystemInformation API or getNetworkSettings API.
API Deprecation (SSIP)	Support below API - getBroadcastAddress - getMacAddress	The following APIs are no longer provided, and always return an error. - getBroadcastAddress - getMacAddress	If partner applications are using these APIs, they must stop using them and switch to obtaining the required data via Web API.
Changing the Control remotely setting for using the application	Available in the initial settings - SSIP - IP Remote - Display Management - Control@4 - AMX - Crestron XIO		Please add a step in the operation to ensure that the Control remotely setting is turned ON before starting the process.
	Should change Control Remotely to ON - SSIP - IP Remote - Display Management - Control@4 - AMX - Crestron XIO		
For HTTPS support, it is necessary to update some Sony applications	Current version can be used. - IP Remote - BRAVIA Updater - BRAVIA Signage	When using the following applications, an update is required for HTTPS communication support. The timing of the update will be announced later. - IP Remote v1.4.0 (2026/1/E) - BRAVIA Updater v1.4.0 (2026/1/E) - BRAVIA Signage v2.2.0 (2026/3/E)	Update the Sony applications installed on local servers and mobile devices to the latest version.

Appendix 1: Applicable B2C models

To confirm whether each model is Case A or Case B, you need the product code and serial number. Please see the following sections described later:

- How to check Product code and Serial number
- List of Applicable B2C models

Product code:

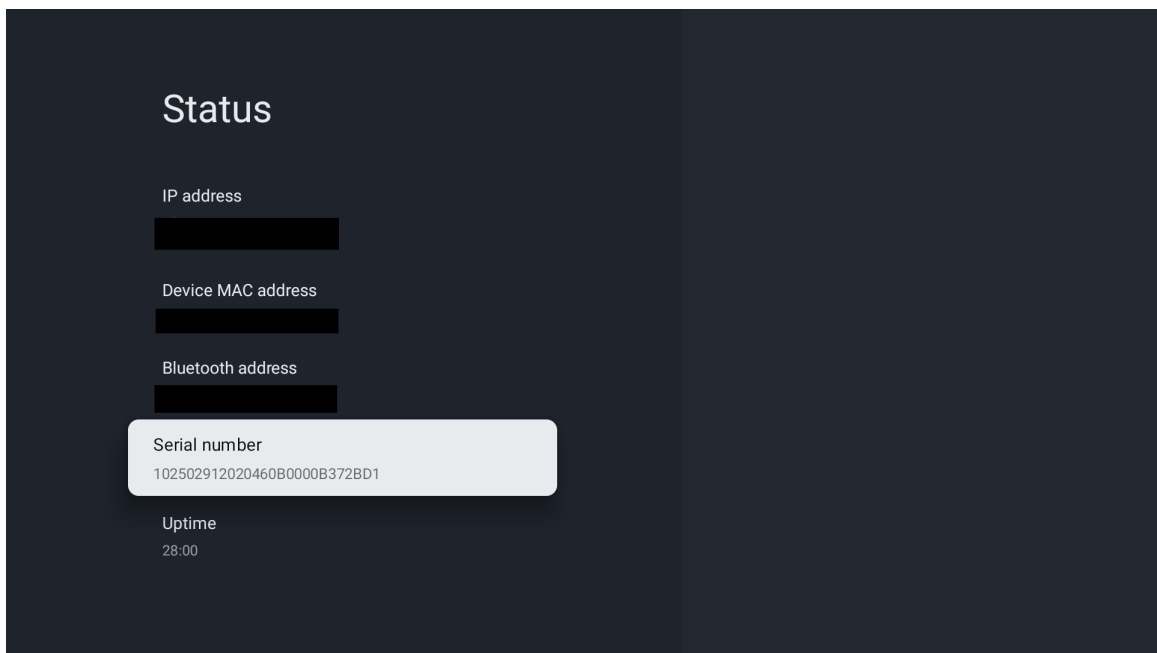
- If not found in “List of Applicable B2C models”, it means the model is not applicable for RED-DA support

Serial number:

- Case B: The serial number is included in “Serial number range for Case B” of “List of Applicable B2C models”
- Case A: If not Case B in above, it means the model is Case A

How to check Product code and Serial number

Settings > System > About > Status > Serial number:



“Serial number” value in the above image describes:

Product code(8 digit) + Serial number(7 digit) + Device ID(12 digit)

For example, 10250291 2020460 B0000B372BD1 is:

- Product code: 10250291
- Serial number: 2020460

List of Applicable B2C models

FY25 models

Model name	Product code	Serial number range for Case B
K-98XR5	12690550	1725001-1740000
K-85XR5	12690650	6550001-7500000
K-85XR5	12690680	8050001-8100000
K-75XR5	12690750	6550001-7500000
K-75XR5	12690780	8050001-8100000
K-65XR5	12690800	5550001-6500000
K-65XR5	12690830	7950001-8000000
K-65XR5	12690860	7650001-7700000
K-55XR5	12690900	5550001-6500000
K-55XR5	12690930	7950001-8000000
K-55XR5	12690960	7650001-7700000
K-65XR8M2	12701500	5550001-6500000
K-65XR8M2	12701550	6550001-7500000
K-55XR8M2	12701650	6550001-7500000
K-98XR50	12681900	4450001-4500000
K-85XR50	12682000	6950001-7000000
K-75XR50	12682100	6950001-7000000
K-65XR50	12682200	6950001-7000000
K-55XR50	12682300	6950001-7000000
K-65XR80M2	12700300	6950001-7000000
K-55XR80M2	12700400	6950001-7000000
K-98XR5	12690551	1771001-1780000
K-85XR5	12690651	8800001-9000000
K-75XR5	12690751	8800001-9000000
K-65XR5	12690801	8550001-8750000
K-65XR5	12690851	8800001-9000000
K-55XR5	12690901	8550001-8750000
K-55XR5	12690951	8800001-9000000
K-65XR8M2	12701501	8550001-8750000
K-65XR8M2	12701551	8800001-9000000
K-55XR8M2	12701651	8800001-9000000

FY24 models

Model name	Product code	Serial number range for Case B
K-85XR70	12645110	5550001-6000000
K-75XR70	12645210	5550001-6000000
K-65XR70	12645300	5050001-5500000
K-65XR70	12645310	5550001-6000000
K-77XR80	12648610	5550001-6000000
K-77XR83	12648710	5550001-6000000
K-77XR84	12648810	5550001-6000000
K-77XR8A	12715510	5550001-6000000
K-65XR80	12648900	5050001-5500000
K-65XR80	12648910	5550001-6000000
K-65XR83	12649000	5050001-5500000
K-65XR84	12649100	5050001-5500000
K-65XR8A	12715600	5050001-5500000
K-65XR8A	12715610	5550001-6000000
K-55XR80	12649210	5550001-6000000
K-55XR83	12649310	5550001-6000000
K-55XR84	12649410	5550001-6000000
K-55XR8A	12715710	5550001-6000000
K-85XR90	12649510	5550001-6000000
K-75XR90	12649610	5550001-6000000
K-65XR90	12676010	5550001-6000000
K-85XR70	12640400	5150001-5200000
K-75XR70	12640600	5150001-5200000
K-65XR70	12640800	5150001-5200000
K-77XR80	12656500	5150001-5200000
K-65XR80	12656600	5150001-5200000
K-55XR80	12656700	5150001-5200000
K-85XR70	12645111	6550001-7000000
K-75XR70	12645211	6550001-7000000
K-65XR70	12645301	6050001-6500000
K-65XR70	12645311	6550001-7000000
K-55XR70	12645411	6550001-7000000
K-77XR80	12648611	6550001-7000000
K-77XR8A	12715511	6550001-7000000
K-65XR80	12648911	6550001-7000000

FY24 models (continued)

Model name	Product code	Serial number range for Case B
K-65XR80	12648901	6050001-6500000
K-65XR8A	12715601	6050001-6500000
K-65XR8A	12715611	6550001-7000000
K-55XR80	12649211	6550001-7000000
K-55XR8A	12715711	6550001-7000000
K-85XR90	12649511	6550001-7000000
K-75XR90	12649611	6550001-7000000
K-65XR90	12676011	6550001-7000000

FY23 models

Model name	Product code	Serial number range for Case B
XR-77A95L	12611310	5550001-6000000
XR-77A95L	12611311	6350001-6500000
XR-65A95L	12611400	5050001-5500000
XR-65A95L	12611401	6050001-6300000
XR-65A95L	12611410	5550001-6000000
XR-65A95L	12611411	6350001-6500000
XR-55A95L	12611500	5050001-5500000
XR-55A95L	12611501	6050001-6300000
XR-55A95L	12611510	5550001-6000000
XR-55A95L	12611511	6350001-6500000