

# About SDMC

As the global leader in the smart home ecosystem, SDMC has established end-to-end solution advantages in Android TV devices, 5G CPE/Femtocell/Wi-Fi/GPON/Cable Modem devices, OTT/IoT platform, and SaaS cloud services, helping operators worldwide deliver immersive video experience and rich entertainment services to their subscribers.

Through close collaboration with ecosystem partners, we create lasting value for our customers, enrich home life and build a more intelligent future. Since 2003, SDMC has served over 300 customers and 100 million households around the world.

# Partnership



Please scan it to receive the product catalog via email

Follow all our activities on LinkedIn, Twitter, and Facebook: SDMC Tech.

## One Home Solution

PON/DOCSIS/5G CPE/Femtocell/Wi-Fi Mesh Router/Matter IoT

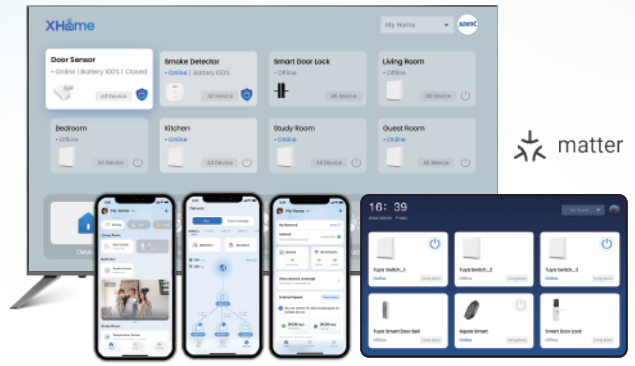
**XHome Platform with Google Cloud**  
One platform for operators to intelligently maintain all smart devices.



### XHome APP & Platform

- Device Management
- Security Monitoring
- Intelligent Alerts
- Predictive Optimization
- System Security
- Remote Troubleshooting
- Cloud-Based Technology
- Automated O&M
- Big Data Analytics

### Multi-Screen Operation



## DOCSIS 3.1/3.0 Cable Modem



	NE6037	NE6099	NE095	NE1634
Chipset	Maxlinear Puma 7 + WAV614 + WAV624	Maxlinear Puma 7 + WAV615 + WAV665	Maxlinear Puma 7	Maxlinear Puma 6 + WAV513 + WAV524
CM Standards	DOCSIS/Euro-DOCSIS 3.1/3.0/2.0/1.1/1.0			DOCSIS/Euro-DOCSIS 3.0/2.0/1.1/1.0
Channel	32x8 DOCSIS 3.0 channels, 2x2 OFDM DOCSIS 3.1 channels			24x8 channels
Wi-Fi	4x4 11ax, 4804Mbps@5G, 4x4 11ax, 1148Mbps@2.4G		/	3x3 11ac, 1300Mbps@5G, 2x2 11n, 300Mbps@2.4G

## Wi-Fi 7/6E/6 Mesh Router



	NR19X93BE	NM7897E	NM5415C	NI5435M
Chipset	BCM4916 + BCM67263 + 2x BCM6726	BCM6756 + BCM6715	BCM6756 + BCM6715	BCM6756 + BCM6715 + EFR32MG21
Standards	IEEE802.11a/b/g/n/ac/ax/be	IEEE802.11a/b/g/n/ac/ax		IEEE802.11a/b/g/n/ac/ax, IEEE802.15.1, IEEE802.15.4
Wi-Fi	4x4 11be, 11530Mbps@6G, 4x4 11be, 5765Mbps@5G, 4x4 11be, 1378Mbps@2.4G	4x4 11ax, 4804Mbps@6G, 2x2 11ax, 2402Mbps@5G, 2x2 11ax, 574Mbps@2.4G	4x4 11ax, 4804Mbps@5G, 2x2 11ax, 574Mbps@2.4G	4x4 11ax, 4800Mbps@5G, 2x2 11ax, 600Mbps@2.4G
Interface	2x 10GE WAN/LAN, 4x GE LAN, 1x DC, 1x USB 2.0, 1x USB 3.0	1x 2.5GE WAN, 1x GE LAN, 1x DC	1x 2.5GE WAN, 1x GE LAN, 1x DC	1x 2.5GE WAN, 3x GE LAN, 1x USB, 1x SIM card

## FTTH



	L1008XGS	L3002XGS
Hardware	8x Combo Ports, 8x XG(S)-PON/GPON Port, 8x 10GE/GE SFP + 2x 100G QSFP28, Dual Power Supply	2x C.SM, 2x Service Slots, 4x 10GE/GE SFP+, 2x 100G QSFP28, 16-port GPON/XG/XGS-PON Combo Line Card, Dual Power Supply
PON Standards	ITU-T G.984/T G.987/G.988	
Environment Temperature	Operating: -20°C ~ +55°C, Storage: -40°C ~ +70°C	Operating: -10°C ~ +50°C, Storage: -40°C ~ +70°C
	NP19X44XGS	NP1X80EXGS
Chipset	BCM68880 + BCM67263 + 2x BCM6726	BCM68580X + 3x BCM6715
PON Standards	ITU-T G.9807.1	
Data Rates	Upstream: 9.953Gbps, Downstream: 9.953Gbps	
Wi-Fi	4x4 11be, 11530Mbps@6G, 4x4 11be, 5765Mbps@5G, 4x4 11be, 1378Mbps@2.4G	4x4 11ax, 4804Mbps@6G, 4x4 11ax, 4804Mbps@5G, 4x4 11ax, 1148Mbps@2.4G
Interface	1x XGS-PON, 2x 10GE LAN, 2x GE LAN, 2x FXS, 1x USB 3.0, 1x USB Power Input	1x SFP+, 1x DC, 4x GE LAN, 1x 10GE LAN, 1x USB 2.0, 1x USB 3.0, 2x FXS

## 5G CPE/Femtocell



	NC3665	NC1814	NC041	NF027A (Femtocell)
Chipset	MediaTek T750	Qualcomm SDX62	Qualcomm SDX62	Qualcomm FSM10056
5G/LTE Standards	Release 15, Cat.19 5G NR	Release 15, Release 16, Cat.20 5G NR	Release 15, Cat.20 5G NR	Release 15, Cat.19 5G NR
Wi-Fi	4x4 11ax, 2402Mbps@5G, 4x4 11ax, 1148Mbps@2.4G	2x2 11ax, 1201Mbps@5G, 2x2 11ax, 574Mbps@2.4G	/	/
Interface	1x GE WAN, 4x GE LAN, 1x USB3.0, 1x FXS, 1x SIM	2x GE LAN, 1x USB3.1, 1x FXS, 1x SIM	1x 2.5GE LAN, 2x SIM, 1x Reset	1x 10GE, 1x SFP+, 1x GE, 1x Reset

## One Home Solution

Best solution for operator's home business



# Tailored Solutions

to empower your OTT/IPTV, broadband, and smart home business



## 4K Android TV™ Devices for Netflix Hailstorm/Self-Serve Program

- 1 Faster Certification
- 2 Innovation
- 3 Speed-to-market



To accelerate the time-to-market of Netflix service on Android TV devices

androidtv NETFLIX

## Google TV An Experience Tailored for You



Google TV

Google TV, running on top of Android, is the new, personalized experience that comes built-in to streaming devices.

- Effortless entertainment
- Tailored for you and your family
- With help from Google

Netflix streaming membership required.  
Android TV and Google TV are trademarks of Google LLC.

## 4K OTT/Hybrid Box Powered by Android TV™



Amlogic S905X4/S905Y4 AV4 4K WiFi 2.4GHz/5GHz Bluetooth 5.0

SoC	S905X4/S905Y4	
CPU	ARM Quad 64-bit Cortex-A55/A35	
OS	Android TV™ 12	
DRAM	DDR4/LPDDR4	DDR4/LPDDR4 2GB
	2GB/3GB/4GB	
Flash	eMMC 8GB/16GB/32GB	
Bluetooth	5.0	
Wi-Fi	2x2 MIMO 2.4GHz/5GHz	
	802.11 a/b/g/n/ac/ax	
HDR	HDR 10, HLG, HDR 10+ <sup>Optional</sup> , Dolby Vision <sup>Optional</sup>	
DRM	Widevine/Playready	Widevine/Playready/Irdeto/Nagra
Digital TV	DVB-C/T/T2/S2/ISDB-T/ATSC3.0	

## 4K Dongle Powered by Android TV™



Amlogic S905Y4 AV4 4K WiFi 2.4GHz/5GHz Bluetooth 5.0

SoC	S905Y4	
CPU	ARM Quad 64-bit Cortex-A35	
OS	Android TV™ 12	
DRAM	LPDDR4 2GB	
Flash	eMMC 8GB/16GB/32GB	
Bluetooth	5.0	
Wi-Fi	2x2 MIMO 2.4GHz/5GHz	
	802.11 a/b/g/n/ac/ax	
HDR	HDR 10, HLG, HDR 10+ <sup>Optional</sup> , Dolby Vision <sup>Optional</sup>	
DRM	Widevine, Playready	

## 4K OTT Box Powered by Android TV™



Amlogic S905X5 VVC 4K WiFi 2.4GHz/5GHz Bluetooth 5.2

SoC	S905X5	
CPU	ARM Quad V9	
OS	Android TV™ 14	
NPU	4 TOPS	
AI-SR	inline Ai-SR	
DRAM	LPDDR4 2GB	
Flash	eMMC 8GB/16GB/32GB	
Bluetooth	5.2	
Wi-Fi	2x2 MIMO 2.4GHz/5GHz	
	802.11 a/b/g/n/ac/ax	
Video Codecs	2x4Kp60 10 bit H.266/VVC, H.265, AV1	
HDR	HDR 10, HLG, HDR 10+, Dolby Vision <sup>Optional</sup>	

## 8K Wi-Fi 6E OTT Box



Amlogic S928X AV4 8K WiFi Bluetooth 5.2

SoC	S928X	
CPU	ARM Quad 64-bit Cortex-A76, ARM Quad 64-bit Cortex-A55	
OS	Android 12 or higher	
DRAM	LPDDR4 4GB	
Flash	eMMC 32GB	
Wi-Fi	2x2 MIMO Wi-Fi 6E	
	802.11 a/b/g/n/ac/ax	
Bluetooth	5.2	
Video Codecs	AV1, VP9, H.265 up to 8K*4K@60fps	
Feature	HDMI2.1a with HDCP2.2/2.3, supporting eARC	
Resolution	Up to 8Kp60	

## 4K Smart Speaker



Amlogic S905X4 AV4 4K WiFi 2.4GHz/5GHz Bluetooth 5.0

SoC	S905X4	
CPU	ARM Quad 64-bit Cortex-A55	
OS	Android TV™ 12	
DRAM	LPDDR4 2GB	DDR4 4GB/2GB/3GB
Flash	eMMC 8GB	
Bluetooth	5.0	
Wi-Fi	2x2 MIMO 2.4GHz/5GHz	
	802.11 a/b/g/n/ac/ax	
HDR	HDR 10, HLG, HDR 10+ <sup>Optional</sup> , HDR 10, HLG, HDR 10+, Dolby Vision <sup>Optional</sup>	
DRM	Widevine, Playready	
Speaker	3W*1, 4ohm, Mono speaker	10W*2, 6ohm, Stereo speaker

## 4K OTT Box with Built-in Camera



Amlogic S905X4 AV4 4K WiFi 2.4GHz/5GHz Bluetooth 5.0/5.2

SoC	S905X4	A311D2
CPU	ARM Quad 64-bit Cortex-A55	ARM 64-bit Quad Cortex-A73 & A55
NPU	/	3.2 TOPS
DRAM	LPDDR4 4GB	
Flash	eMMC 32GB	eMMC 64GB
Bluetooth	5.0	5.2
Wi-Fi	2x2 MIMO 2.4GHz/5GHz	2x2 MIMO 2.4GHz/5GHz
	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac/ax
Video Codecs	AV1, VP9, H.265, H.264	AV1, VP9, H.265, H.264, MPEG-4, MPEG-2
Speaker	10W*2, 6ohm, Mono speaker	3W*1, 4ohm, Mono speaker
Camera	1080P@30fps	

## 2K Smart Projector



Mediatek MTK9630 2K WiFi 2.4GHz/5GHz Bluetooth 5.0

SoC	MTK9630	
Brightness	200 ANSI lumens	300 ANSI lumens
Native Resolution	1920*1080	
Contrast Ratio	3000:1	
Aspect Ratio	16:9	4:3
Stereo Speaker	3W*2	10W*2
Projection Size	40"-120"	
Focus Mode	Auto focus & remote digital focus	Auto focus & remote digital focus
Keystone Correction	Auto keystone	Auto keystone

## Terminal Management System



## OTT Platform with Google Cloud

Flexible, scalable and quick to market

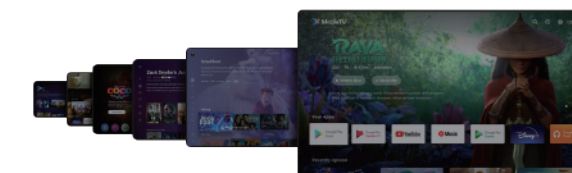


- Live TV/Linear TV
- Adaptive Bitrate
- Multi-Device
- Time-Shifting/Catch-Up TV
- VOD
- Multi-DRM
- Electronic Program Guide
- Offline Viewing
- Advertisement

## Monetization

- > VOD ads and linear TV ads insertion
- > Data analysis for improved business insights
- > Super-aggregation with 3rd party content

## Android TV Operator Tier Launcher



www.sdmctech.com