


DM21K DATASHEET

Hardware			
CPU	S905X4 Quad Core ARM Cortex A55 @ 1.91Ghz		
GPU	Mali-G31 MP2, OpenGL ES 1.1/2.0/3.2, OpenCL 2.0, Vulkan 1.1 support		
Memory	DDR4 2GB		
Flash	EMMC 8GB (or 16GB)		
WiFi	802.11 ac/b/g/n , dual band wifi		
Bluetooth	BT 4.2 or Higher		
Accessories	Gift box		
	HDMI cable		
	IR RCU		
	Adaptor		
	AV Cable(optional)		
I/O	2*USB HOST	USB 2.0x1, USB 3.0x1	
	1*TF CARD	SUPPORT 1~64 GB	
	1*HDMI	HDMI 2.0b	
	1*AV	Mini jack	
	1*Optical	S/PDIF	
	1*Ethernet	RJ45	
	1*DC	5V 2A	
Software			
OS	AOSP Android 11		
DRM(Optional)	Widevine L1 KEY / PlayReady / HDCP 2.2 supported		
Dolby License(Optional)	Dolby Digital 5.1		
Media			
Video/Picture CODEC	* Amlogic Video Engine (AVE) with dedicated hardware decoders and SW H.264/ VP8 encoders * Support multi-video decoder up to 4x1080P@60fps * Supports multiple "secured" video decoding sessions and simultaneous decoding and encoding		
Video/Picture Decoding	<ul style="list-style-type: none"> - AV1 MP-10@L5.1 up to 4Kx2K@120fps - VP9 Profile-2 up to 8Kx4K@24 fps - H.265 HEVC MP-10@L5.1 up to 8Kx4K@24 fps - AVS2-P2 Profile up to 8Kx4K@24 fps - MPEG-4 ASP@L5 up to 1080P@60fps (ISO-14496) - WMV/VC-1 SP/MP/AP up to 1080P@60fps - AVS-P16(AVS+) /AVS-P2 JiZhun Profile up to 1080P@60fps - MPEG-2 MP/HL up to 1080P@60fps (ISO-13818) - MPEG-1 MP/HL up to 1080P@60fps (ISO-11172) - RealVideo 8/9/10 up to 1080P@60fps - Multiple language and multiple format sub-title video support - MJPEG and JPEG unlimited pixel resolution decoding (ISO/IEC-10918) - Supports JPEG thumbnail, scaling, rotation and transition effects - Supports *.mkv,*.wmv,*.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4, *.rm and *.jpg file formats 		
Others			
Device support multicast as well as unicast services.			
Pre-install Kodi, Movie player, File manager, YouTube, Netflix, PlayStore, Browser			
Casing&Packing			
Unit Size	102x98x19mm	Giftbox Size	170x115x55mm
Indicator	Green in working mode, Red in Standby mode	(20 in 1)Carton Size	710(L)x245(W)x197(H) mm

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DM21P DATASHEET

Photo			
Model			
Hardware			
CPU	S905Y4 Quad Core ARM Cortex A35		
GPU	Mali-G31 MP2, OpenGL ES 1.1/2.0/3.2, OpenCL 2.0, Vulkan 1.1 support		
Memory	DDR4 2GB		
Flash	EMMC 8GB (or 16GB)		
WiFi	802.11 ac/b/g/n , dual band wifi		
Bluetooth	BT 4.2 or Higher		
RTC	Optional		
Accessories	Gift box		
	HDMI cable		
	IR RCU		
	Adaptor		
	AV Cable(optional)		
I/O	2*USB HOST	USB 2.0x1, USB 3.0x1	
	1*TF CARD	SUPPORT 1~64 GB	
	1*HDMI	HDMI 2.0b	
	1*AV	Mini jack	
	1*Optical	S/PDIF	
	1*Ethernet	RJ45	
	1*DC	5V 2A	
Software			
OS	AOSP Android 11		
DRM(Optional)	Widevine L1 KEY / PlayReady / HDCP 2.2 supported		
Dolby License(Optional)	Dolby Digital 5.1		
Media			
Video/Picture CODEC	* Amlogic Video Engine (AVE) with dedicated hardware decoders and SW H.264/ VP8 encoders * Support multi-video decoder up to 4x1080P@60fps * Supports multiple "secured" video decoding sessions and simultaneous decoding and encoding		
Video/Picture Decoding	<ul style="list-style-type: none"> - AV1 MP-10@L5.1 up to 4Kx2K@60fps - VP9 Profile-2 up to 4Kx2K@60fps - H.265 HEVC MP-10@L5.1 up to 4Kx2K@60fps - AVS2-P2 Profile up to 4Kx2K@60fps - H.264 AVC HP@L5.1 up to 4Kx2K@30fps - MPEG-4 ASP@L5 up to 1080P@60fps (ISO-14496) - WMV/VC-1 SP/MP/AP up to 1080P@60fps - AVS-P16(AVS+) /AVS-P2 JiZhun Profile up to 1080P@60fps - MPEG-2 MP/HL up to 1080P@60fps (ISO-13818) - MPEG-1 MP/HL up to 1080P@60fps (ISO-11172) - Multiple language and multiple format sub-title video support - MJPEG and JPEG unlimited pixel resolution decoding (ISO/IEC-10918) - Supports JPEG thumbnail, scaling, rotation and transition effects - Supports *.mkv,*.wmv,*.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4 and *.jpg file formats 		
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