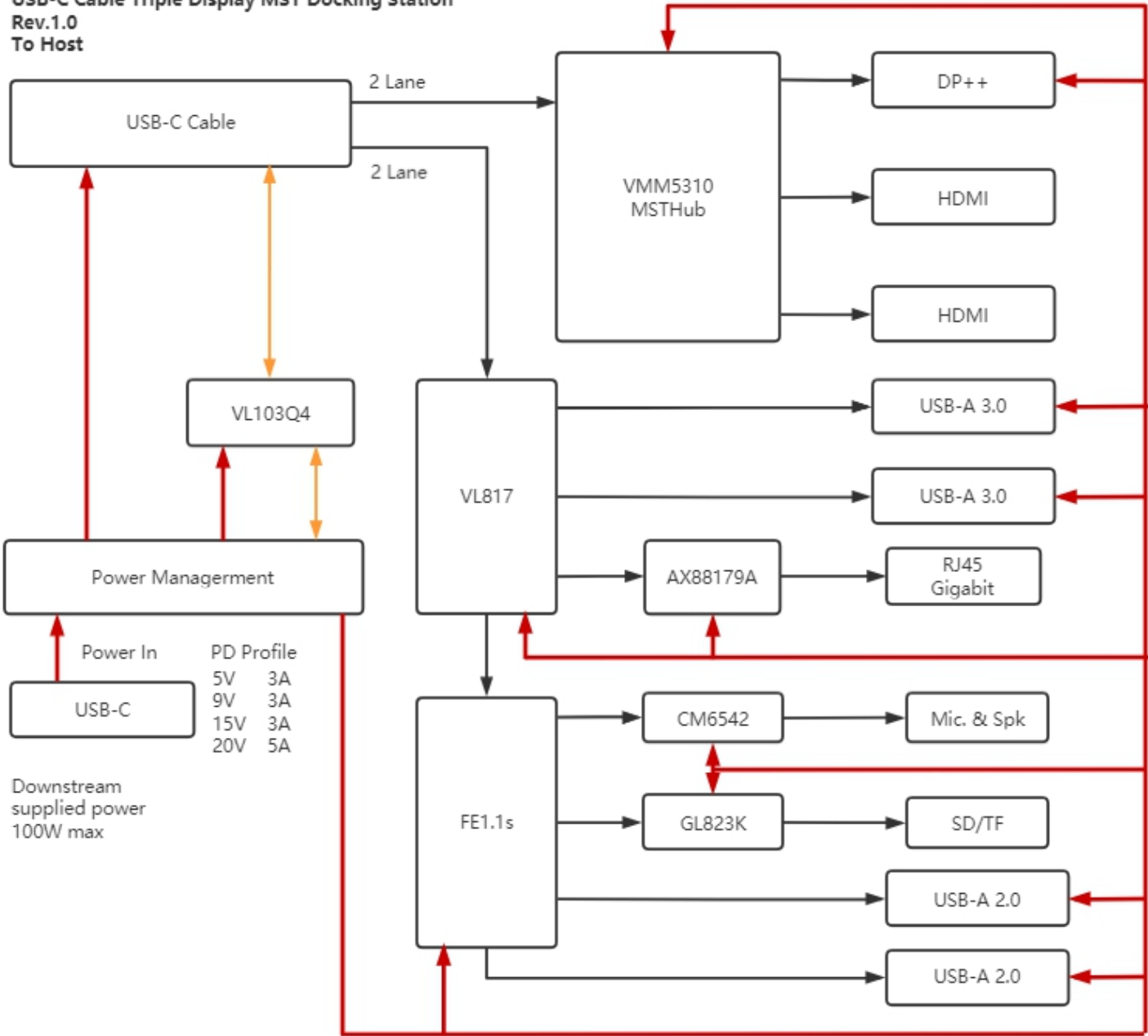


	Winstars Product Specifications		Version	V1.0	
			Page	1/1	
	Model	WS-UMD09	Date	2021-11-01	
	Name	USB-C Triple Display 4K MST Docking Station	Writer	Johnson	
Picture tupia 图片		Features: 特点			
		1. Compatible with Type-C USB3.1 full specification PC Computer. 2. USB-C power port support PD3.0 for upstream power charging to PC computer maximum up to 100Watt 3. DisplayPort support V1.2a; HDMI port support HDMI V1.4b 4. Support single display, DP or HDMI up to 3840x2160@60 5. Support dual display, up to 2560x1440@60 6. Support triple display, up to 1920x1080@30 7. Build in Gigabit Ethernet network RJ-45 backward 10/100 Ethernet. 8. Build in 4-Pole phone Jack for stereo audio out and microphone in. 9. Build in Combo Card Reader support SD V2.0, SDHC up to 32GB; SDXC up to 2TB. 10. Two USB3.0 ports and two USB2.0 ports for devices connectivity. 11. Support OS Windows 7 / 8 / 10; Max OSX 10; Linux or the latest version.			
Title 标题					
USB-C Triple Display 4K MST Docking Station with USB Power Delivery					
Description 介绍		Package Content 标配	System Requirement: 系统配置		
Slim and compact base dock design with high strength cable provides additional durability and good heat dissipation effect. This MST Docking support triple display under USB-C Video Alternate Mode, resolution up to 1080p and if the single DP or HDMI display will up to 4K@60. Besides, it allows you to expand more USB devices, for example external storage, keyboard, mouse, headset, optical drive. Gigabit Ethernet quickly upload and download photos, videos, music and other files. Plug & Play, no need external software driver installation.		1. USB-C Triple Display MST Docking Station 2. Quick Installation Guide	1. USB-C Computer had USB3.1 full function with data transfer, USB-C Power Delivery & Video Alternate Mode 2. Windows 7 / 8 / 10 or later 3. MacOS 10.X or above		
Specification 规格					
Hardware 硬件		Functions 功能		Exterior 外观	
Ports	USB-C(upstream), 1 x Displayport, 2 x HDMI, 1 x RJ45, 4-Pole Phone Jack, SD/TF CardReader, 2 x USB3.0-A, 2 x USB2.0	Working Standard	1. USB-C: PD Power Adapter I/P 2. Single DisplayPort: 4K/60Hz max. 3. Single HDMI: 4K/60Hz max. 4. 2 x USB-A Port: 5Gbps 5. 2 x USB-A Port: 480Mbps 6. RJ45: Gigabit Ethernet 7. CardReader: SD / TF 8. Phone Jack: Stereo 4pole TRRS Stereo	Housing	Plastic: Black Aluminum: Silver
Button	NIL			Data Cable	0.55 Meter
LED	Blue				
Chipset	VL103, VL817, VMM5310, AX88179A, CM6542 GL823K				
Flash	4M-Bit				
SDRAM	NIL				
Power Supply	Bus Power or External USB-C Power Adapter with PD				
Power Plug	USB-C	Operating System		Mac OS, Windows	
Power Consumption		Max. Pixels		4K / 60Hz	
Rated Voltage	DC5V / 9V / 15V / 20V	Max.Charing Current(A)		5A	
Dimensions 尺寸		Certification 证书			
Unit Dimensions	Be updated in next vesion	CE-EMC	Design in		
Weight	Be updated in next vesion	CE-RTTE			
Housing Material	Plastic / Aluminum	CE-LVD			
Shell color	Apple Gray	FCC DOC			
Package Dimension	Be updated in final version	FCC ID	Design in		
Environmental 环境		ROHS	Design in		
Operating Temperature	0°C~40°C	Reach	Design in		
Storage Temperature	-10~70 °C	3C			
Relative Humidity(Operational)	10%~90%,noncondensing	Others 其他			
Relative Humidity(Storage)	10%~90%,noncondensing	Method	See Manual		
Drop test (1 Meters)	3 st	Performance	See Test Report		
Cycle work (hours)	24Hour	Reliability	See Test Report		

Block Diagram

Block Diagram

Model: UMD08
USB-C Cable Triple Display MST Docking Station
Rev.1.0
To Host



Summary	X1				X2			X3			
				 + 	 + 	 + 		 +  + 			
	HBR2(DP1.2)	3840x2160 @30Hz	3840x2160 @30Hz	2048x1152 @60Hz	2048x1152 @60Hz	2048x1152 @60Hz	2048x1152 @60Hz		1660x900 @60Hz	1660x900 @60Hz	1660x900 @60Hz
HBR3(DP1.3)	3840x2160 @30Hz	3840x2160 @30Hz	2048x1152 @60Hz	2048x1152 @60Hz	2048x1152 @60Hz	2048x1152 @60Hz		1920x1080 @60Hz	1920x1080 @60Hz	1920x1080 @60Hz	