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Website: www.RioTouch.com

IR Touch Interactive Flat Panel Display

Model		LF 108ADVTk8	LF 136ADVTk8	LF 163ADVTk8
Product Images				
Display Specifications				
Screen diagonal size		108 (inch)	136 (inch)	163 (inch)
Surface color	White aluminum frame (black optional)	✓	✓	✓
Screen type	COB	✓	✓	✓
Screen size		2400*1350	3000*1687.5	3600*2025
highest resolution		1920*1080 /60hz	2880×1600/60hz 3840×2160/60hz	2880×1600/60hz 3840×2160/60hz
Pixel pitch		P1.25	P1.25/0.93	P1.25/0.93
Aspect Ratio	16:9	✓	✓	✓
Contrast	5000:1	✓	✓	✓
Screen brightness	600cd/m2	✓	✓	✓
refresh rate	3840HZ	✓	✓	✓
Viewing angle	160° (H) / 160° (V)	✓	✓	✓
Theoretical service life	50,000Hour	✓	✓	✓
Visible area (m²)		3.24	5.06	7.29
Brightness uniformity	≥98%	✓	✓	✓
Color temperature (K)	500~10000	✓	✓	✓
Touch specifications				
Touch technology	Infrared touch	✓	✓	✓
Multi-touch	Maximum 10 points	✓	✓	✓
Touch accuracy	2 mm	✓	✓	✓
Automatic calibration	yes	✓	✓	✓
Sun protection	yes	✓	✓	✓
Minimum recognition point diameter	7mm	✓	✓	✓
Single-point response speed	10ms	✓	✓	✓
Supported operating systems	Windows 7/8/10/11; Android; Mac; Linux; Chrome OS	✓	✓	✓
sound specifications				
Front Speakers	15W*2	✓	✓	✓
Total power of the speaker	≤30w	✓	✓	✓
Microphone (optional)				
Microphone type	Linear equidistant array microphone	✓	✓	✓
Number of digital microphones	8wheat	✓	✓	✓
Automatic switching(OPSAndroid)	yes	✓	✓	✓
Camera (optional)				
Image sensor	48M(optional)IA	✓	✓	✓
Maximum resolution	8000*6000@5fps 4200*3120@20fps 3840*1920@30fps	✓	✓	✓
lens	D=119Spend H=97 V=74	✓	✓	✓
Front Port				
Front Port	Standard configuration: USB 3.0*1; USB-B 2.0*1; HDMI*1; Type-C*1 (full-function);The left USB 2.0 (blue port) port cannot be used for firmware upgrades or other functions.			
button	Power on/off; Signal source; Menu; Function up; Function down; Volume down; Volume up			
Motherboard configuration				
Motherboard Name	ADV-TK8	✓	✓	✓
Standard 80P single OPS port (optional dual OPS interfaces - AI box and OPS computer)				
OPS AI Box	RK3588orRK3576	✓	✓	✓

OPS Computers	I5 I7	✓	✓	✓
Appearance and overall power parameters				
power supply voltage	~ 100-240 V (50/60Hz)	✓	✓	✓
standby power consumption	≤ 0.5 watt-hours	✓	✓	✓
Average power consumption of the whole machine	Vats	655	1450/1650	1950/2200
net weight	(KG±2)			
Gross weight	(KG±2)			
Overall dimensions	Length * Width * Height (unit: mm)	2435.68*45*1081.78	3035.68*45*1464.28	3635.68*45*2139.28
Packaging size	long*Width*Height (unit: mm)			
Wall-mounted dimensions	(mm)			
Certificates obtained				
Warranty period for the whole machine	By default, the entire product comes with a one-year warranty, while the touch components have a three-year warranty (optional).	✓	✓	✓
Environmental conditions				
Operating temperature	0℃ - 40℃ / 32 - 100° F	✓	✓	✓
Storage temperature	-20℃ to 60℃ / -4℃ to 140℃	✓	✓	✓
Storage humidity	10% - 90%	✓	✓	✓
Use humidity	10% - 90%	✓	✓	✓
appendix				
appendix	remote control*1branch, 3meter power cord*1root, 1.5riceHDMIWire*1Roots (3 meters or 5 meters optional)1.5m USBTouch line*1Roots (3 meters or 5 meters optional)			