



newline RS



Object
Recognition



Easy Wireless
Screen Sharing



Always
Free Software



Access to
the Cloud



Digital whiteboard &
On-screen Annotation



Remote
Management



Embedded
Android 8.0 OS



Windows/Android
iOS Compatibility

THE HASSLE-FREE INTERACTIVE DISPLAY FOR CLASSROOMS

This series allows a collaborative experience that lets students interact using a stylus or their fingers. The responsive RS series display lets multiple students touch and draw on the display, lag-free and simultaneously. Designed for education, it features all the Newline interactive ecosystem tools needed to engage students and spark the passion for learning.

Newline RS series features the following interactive ecosystem tools :

CAST

BROADCAST

DISPLAY MANAGEMENT

newline RS

Model	TT-9818RS	
	Display	
Display Backlight	LED	
Display Area	2162 × 1217 mm	
Active Screen Size (Tinch)	98"	
Display Ratio	16 : 9	
Resolution	3840 × 2160 Pixels	
Display Colors	10-bit(D), 1.07 Billion colors	
LCD Brightness(After Glass)	≥ 500 nit	
Contrast Ratio (Dynamic)	4000:1	
Viewing Angle	178°	
Life time (working hours/day)	50,000 hours	
Response Time	8ms	
	Speaker	
Speaker Position	Forward	
Transmission Range	5M	
Speaker Max.Power Output	18 W × 2	
	Power	
Power Consumption	Maximum ≤ 700 W Standby Mode ≤ 0.5 W	
Working Voltage	AC 100-240 V, 50/60 Hz	
	Touch	
Touch Surface Technology	Anti-Glare glass tempered glass	
Touch Surface Hardness	>7H	
Touch Sensor	Infrared Touch	
Touch Points	Up to 20 Points	
Touch Screen Writing Tools	Stylus, Finger	
Communication Interface	USB-A	
	Transportation/ Storage	
Storage Temperature/ Humidity	-15°C ~ 55°C / 20 ~ 90% RH (Non coagulation)	
Working Temperature/ Humidity	0°C ~ 40°C / 20 ~ 80% RH (Non coagulation)	
Mounting Options	Wall-mount or Mobile Stand	
Outline Dimensions	2256.4 x 1361.4 x 104.95 mm	
Packing Dimensions	2460 x 400 x 1640 mm	
Net Weight	approx. 133 kg	
Gross Weight	233 kg	
Vesa Mount Installation Position	800 × 400 mm	
	Ports	
Front Interface Inputs		HDMI 1.4(4K@30Hz) x 1, USB(Touch) x 1, USB(Public) x 2, MIC x 1
Rear AV Inputs		HDMI 2.0(4K@60Hz*2) x 2, DP1.2(4K@60Hz) x 1, VGA(1920x1080@60Hz) x 1, PC Audio x 1, USB(Touch) x 4
AV Outputs		HDMI out (Support 4k@60Hz, 1920x1080@60Hz) x 1, Line Out x 1, SPDIF out x 1
Other		USB2.0(public) x 1, USB3.0(public) x 1, USB 2.0 Embedded x 1, RS232 x 1, RJ45 x 2 OPS Slot (4K@60Hz) x 1, DC 5V-2A out x 1
	Embedded Operating System	
CPU	ARM Cortex A53 x 4 1.4GHz	
GPU	ARM Mali450 MP4 6-cores 600MHz	
RAM	2GB	
ROM	8GB	
External Memory	NA	
Android Version	5.0.1	
	Other	
OPS PC	Optional	
Wi-Fi Dongle	YES	
Newline Software Content	Newline Cast & Broadcast (Support Windows and Android), Newline Display Management (Support Android) Teach Infinity II (Free download from website. Support Windows, Mac, Linux)	

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