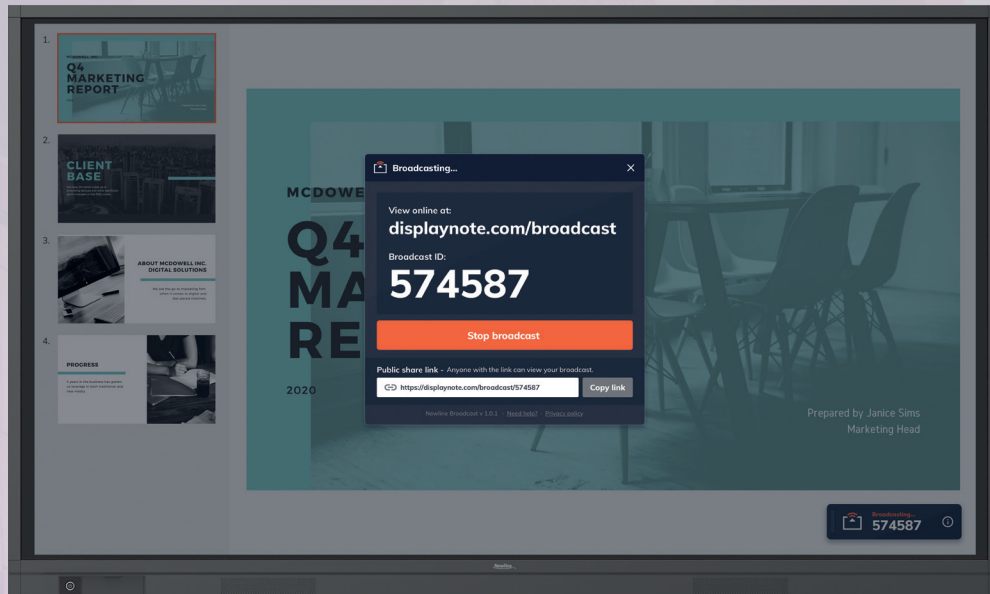


newline

Connect. Create. Collaborate.



Scalability



Diverse
Connectivity



Intelligent Touch



Go Wireless



Win/iOS/Android
Compatibility



Annotation



Personalized UI



Slim Frame
Design

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 the display lag-free and simultaneously. Designed for education, it features all the Newline interactive ecosystem tools needed to engage students and spark passion for learning.

Newline RS series features the following optional interactive ecosystem tools:

CAST

BROADCAST

DISPLAY MANAGEMENT

RS Series

RS Series

MODEL	RS65	RS75	RS86	RS98
Display				
Backlight	LED			
Display Area	1428.5 x 803.5 mm	1650 x 928 mm	1895 x 1066 mm	2162 x 1217 mm
Active Screen Size	65"	75"	86"	98"
Display Ratio	16:9			
Resolution	3840 x 2160 Pixel (4K)			
Display Colors	8 bit		10 bit	
LC Brightness	370cd/m2		500cd/m2	
Contrast Ratio	4000:1			
Response Time	8 ms			
Panel Viewing Angle	178°			
Life Time	Minimum 30,000 hours			
Display Orientation	Landscape			
Touch				
Touch Surface Material	Tempered glass			
Touch Surface	Anti-Glare glass			
Transparency	88%			
Haze	2%~5%			
Surface Hardness	>7H			
Touch sensor	Infrared Touch			
Touch points	20 Points under Windows 10 Points under Android			
Writing Tools	Nano Pen included or Finger			
Positioning Accuracy	±2mm		±3mm	
Communication Interface	USB-A			
Speaker				
Speaker position	Forward			
Speaker Rated Impedance	8Ω			
Speaker Freq. Response	200Hz-20kHz		90Hz (±20%)-18kHz	
Speaker Max. Power Output	15W x 2			
Transmission Range	5M			
Electrical				
Power Consumption	Maximum <220W Standby Mode ≤0.5W	Maximum <350W Standby Mode ≤0.5W	Maximum <450W Standby Mode ≤0.5W	Maximum <700W Standby Mode ≤0.5W
Working Voltage	AC 100-240V, 50/60Hz			
Transportation / Storage				
Storage Temperature / Humidity	-20°C~60°C/20%~90%			
Working Temperature / Humidity	0°C-40°C/20%~80%			
Mounting (optional)	Wall-mounted / Floor Stand			
Outline Dimension	1544 x 939 x 99 mm	1768 x 1066 x 104 mm	2019 x 1209 x 116 mm	2256 x 1361 x 106 mm
Net Weight	44 Kg	56 Kg	73 Kg	133 Kg
VESA	600 x 400 mm			
Embedded System				
Chipset	MSD828			
CPU	ARM Cortex A53 4 x core 1.4GHz			
GPU	ARM Mali450 6 x core 600MHz			
RAM	2GB			
ROM	8GB			
Android version	5.0.1			
Multimedia File Formats Support	Image (JPEG, BMP, PNG) Video (MPEG1, MPEG2, MPEG4, H.264, H.265, MOV, FLV (Support 1080P, 4K HD Decoding)) Audio (MP3, M4A, AAC)			
Speciality				
Intelligent thermo protector	Yes			
OPS PC	Available			
WIFI dongle	Available			
MirrorOPS	Available			
Ports				
Front Interface Inputs	HDMI 1.4 (4K@30Hz) x 1, USB (Touch) x 1, USB (Dynamic) 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) x1, USB (Touch) x 4			
AV Outputs	HDMI out (Support 4k@60Hz, 1920x1080@60Hz) x 1			
Other	USB2.0 (dynamic) x 1, USB3.0 (dynamic) x 1, USB 2.0 Embedded x 1, RS232 x 1, RJ45 x 2 OPS Slots (4K@60Hz) x 1, DC 5V-2A out, Line Out x 1, SPDIF out x 1			

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