

# newline

## Installation Guide



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 on 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.

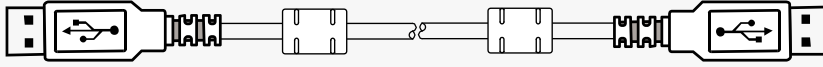
# RS Series

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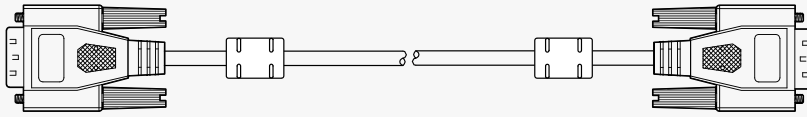
Model	RS65	RS75	RS86	RS98
Display				
Screen Size	65”	75”	86”	98”
Display Area	56.2 x 31.6 in	65 x 36.5 in	74.6 x 42 in	85.1 x 47.9 in
Backlight	LED	LED	LED	LED
Resolution	3840 x 2160 pixels	3840 x 2160 pixels	3840 x 2160 pixels	3840 x 2160 pixels
Display Ratio	16:9	16:9	16:9	16:9
Brightness	370nit	370nit	370nit	500nit
Display Colors	8 bit	8 bit	10 bit	10 bit
Contrast Ratio	4000:1	4000:1	4000:1	4000:1
Response Time	8 ms	8 ms	8 ms	8 ms
Viewing Angle	178°	178°	178°	178°
Lifetime Hours	50,000 hours	50,000 hours	50,000 hours	50,000 hours
Speakers				
Position	Forward	Forward	Forward	Forward
Max Power Output	(2) 15W	(2) 15W	(2) 15W	(2) 15W
Transmission Range	16.4 ft	16.4 ft	16.4 ft	16.4 ft
Power				
Max Power Consumption	≤220W (Standby ≤0.5W)	≤450W (Standby ≤0.5W)	≤540W (Standby ≤0.5W)	≤540W (Standby ≤0.5W)
Working Voltage	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz
Touch				
Touch Surface	Anti-glare tempered glass	Anti-glare tempered glass	Anti-glare tempered glass	Anti-glare tempered glass
Touch Points	Up to 20 Points	Up to 20 Points	Up to 20 Points	Up to 20 Points
Surface Hardness	>7H	>7H	>7H	>7H
Touch Sensor	Infrared Touch	Infrared Touch	Infrared Touch	Infrared Touch
Writing Tools	Stylus or Finger	Stylus or Finger	Stylus or Finger	Stylus or Finger
Communication Interface	USB-A	USB-A	USB-A	USB-A
Transportation/Storage				
Storage Temp/Humidity	14°F - 122°F / 20% - 90%	14°F - 122°F / 20% - 90%	14°F - 122°F / 20% - 90%	14°F - 122°F / 20% - 90%
Working Temp/Humidity	32°F - 104°F / 20% - 90%	32°F - 104°F / 20% - 90%	32°F - 104°F / 20% - 90%	32°F - 104°F / 20% - 90%
Mounting Options	Wall-mount or Mobile Stand	Wall-mount or Mobile Stand	Wall-mount or Mobile Stand	Wall-mount or Mobile Stand
Outline Dimension	60.8 x 37 x 3.9 in	69.6 x 42 x 4.5 in	79.4 x 47.7 x 4.1 in	88.8 x 53.6 x 4.2 in
Weight	99.2 lbs	130.1 lbs	163.1 lbs	286.6 lbs
Embedded Operating System				
CPU	ARM Cortex A53 4xcore, 1.4GHz	ARM Cortex A53 4xcore, 1.4GHz	ARM Cortex A53 4xcore, 1.4GHz	ARM Cortex A53 4xcore, 1.4GHz
GPU	ARM Mali450 6xcore, 600MHz	ARM Mali450 6xcore, 600MHz	ARM Mali450 6xcore, 600MHz	ARM Mali450 6xcore, 600MHz
RAM	2GB	2GB	2GB	2GB
ROM	8GB	8GB	8GB	8GB
Android Version	5.0.1	5.0.1	5.0.1	5.0.1
Multimedia Files Supported	Image (JPEG, BMP, PNG); Video (MPEG1, MPEG2, MPEG4, H.264, H.265, MOV,, FLV); Audio (MP3, M4A, AAC)			
Ports				
Front Interface Inputs	HDMI 2.0 (4K@60Hz) x 2, HDMI 1.4 (4K@30Hz) x 1, USB (Touch) x 1, USB (Dynamic) x 2, DisplayPort x 1			
Rear AV Inputs	HDMI 2.0 (4K@60Hz) x 2. HDMI 1.4 (4K@30Hz) x 1, DisplayPort x 1, USB (Touch) x 4			
AV Outputs	HDMI out (Supports up to 4K@60Hz) x 1, Line Out x 1, SPDIF out x 1			
Other	USB (3.0) x 1, USB (2.0) x 2, RS232 x 1, RJ45 x 2, OPS Slots (4K@60Hz) x 1, DC 5V-2A out x 1			

## Part List

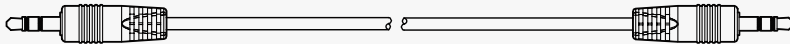
- 3M USB Cable (A-A) × 1
- 3M VGA Cable × 1
- 3M Audio Cable × 1
- 3M HDMI Cable × 1
- UL Power Cord × 1
- Eyebolt × 2 \*Only for RS98
- Screen Cleaning Kit × 1
- Remote Control × 1
- AAA Battery × 2
- Dual Wi-Fi Dongle × 1
- Magnetic Pen For IR Touch × 2



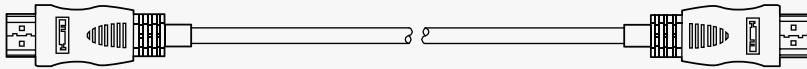
3M USB Cable (A-A) **x1**



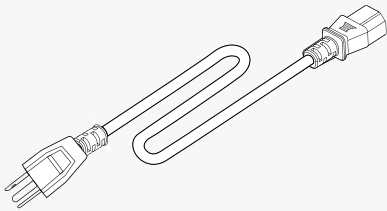
3M VGA Cable **x1**



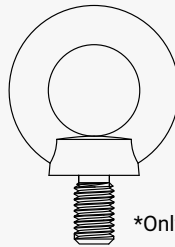
3M Audio Cable **x1**



3M HDMI Cable **x1**



UL Power Cord **x1**



\*Only for RS98

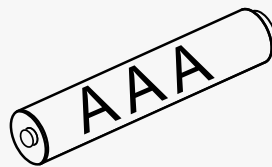
Eyebolt **x2**



Screen Cleaning Kit **x1**



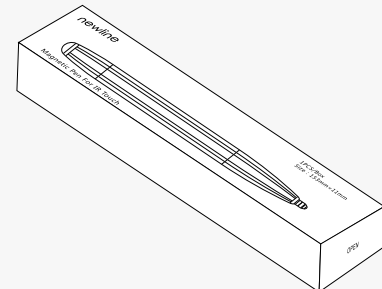
Remote Control **x1**



AAA Battery **x2**

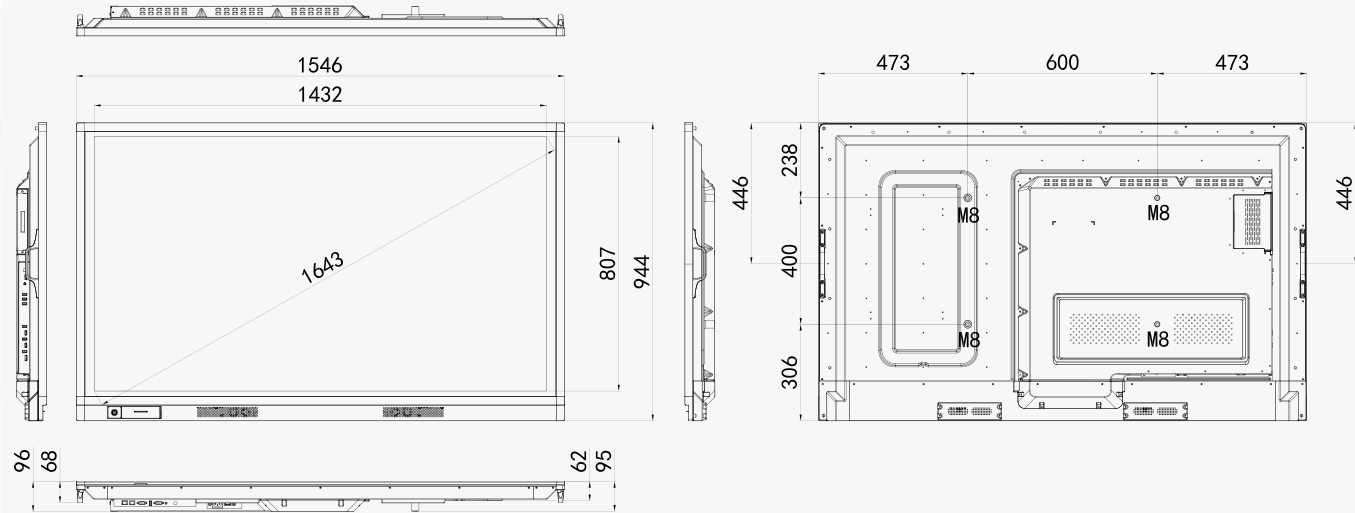


Dual Wi-Fi Dongle **x1**

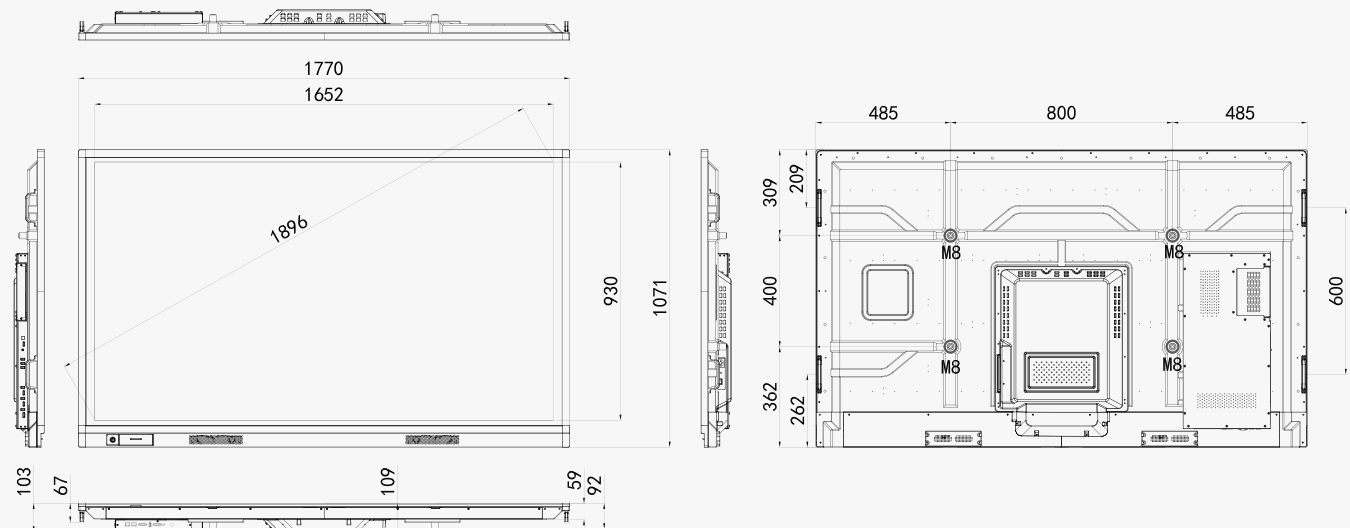


Magnetic Pen For IR Touch **x2**

## TRUTOUCH RS Series – 65"

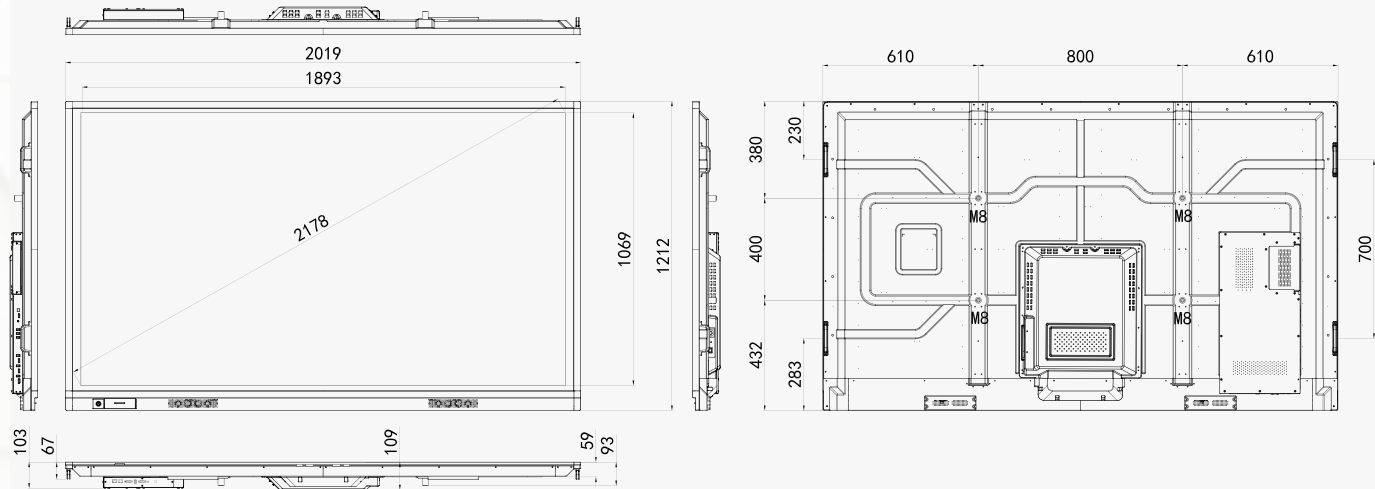


## TRUTOUCH RS Series – 75"

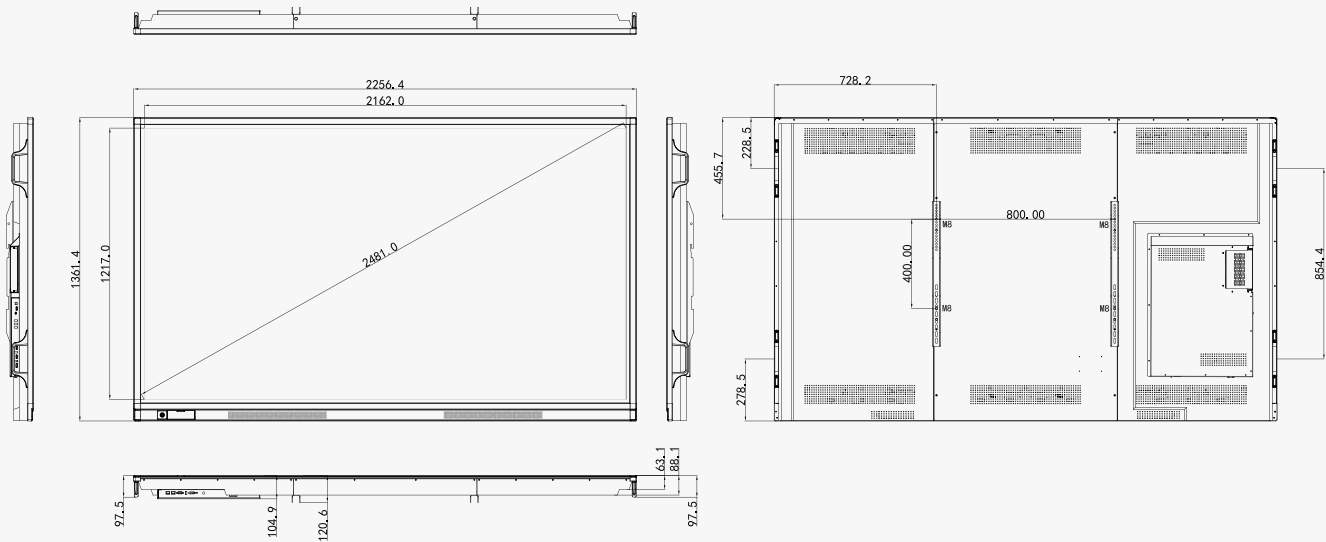




## TRUTOUCH RS Series – 86"



## TRUTOUCH RS Series – 98"



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