

# **Next-gen Intelligent rear view mirror**

# Next-gen Intelligent rear view mirror

- New technology significantly improves performance and styling

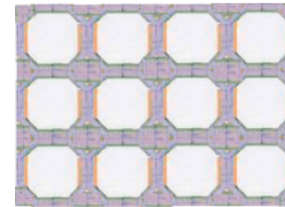


	New technology	Current		New model
High resolution	<b>2.6M Onboard camera</b>	100ppi	➡	<b>162ppi</b>
Night visibility	<b>Merges 3 images HDR*</b>	100dB	➡	<b>120dB</b>
Styling	<b>"Frameless" thin-bezel design</b>		➡	<b>"Frameless" thin-bezel design</b>

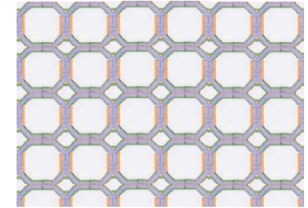
\*High Dynamic Range

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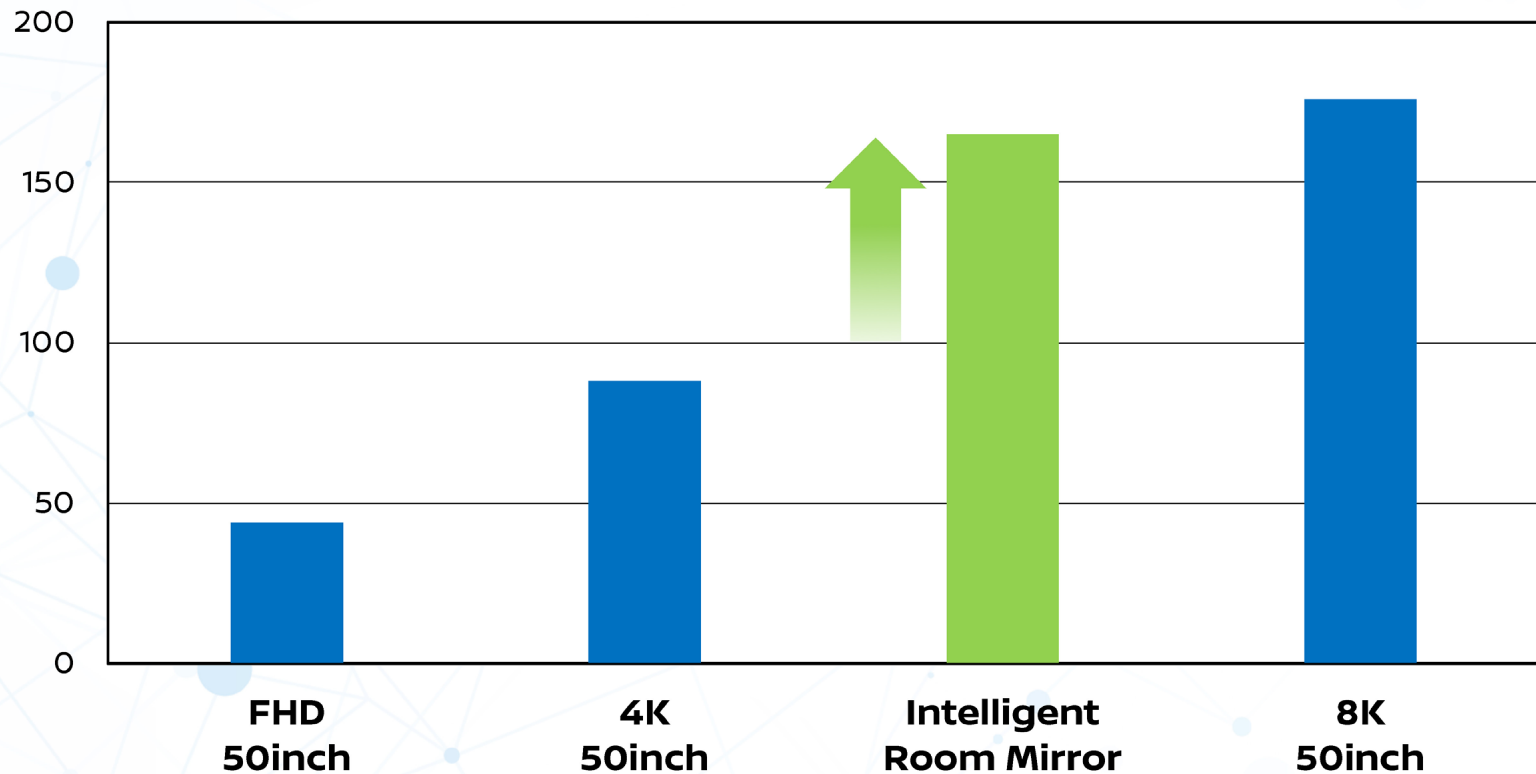
Increased ppi (pixels per inch) for  
High image quality



Current: 100ppi



New model: 162ppi



# Next-gen Intelligent rear view mirror

High dynamic range for nighttime visibility



2HDR  
100dB

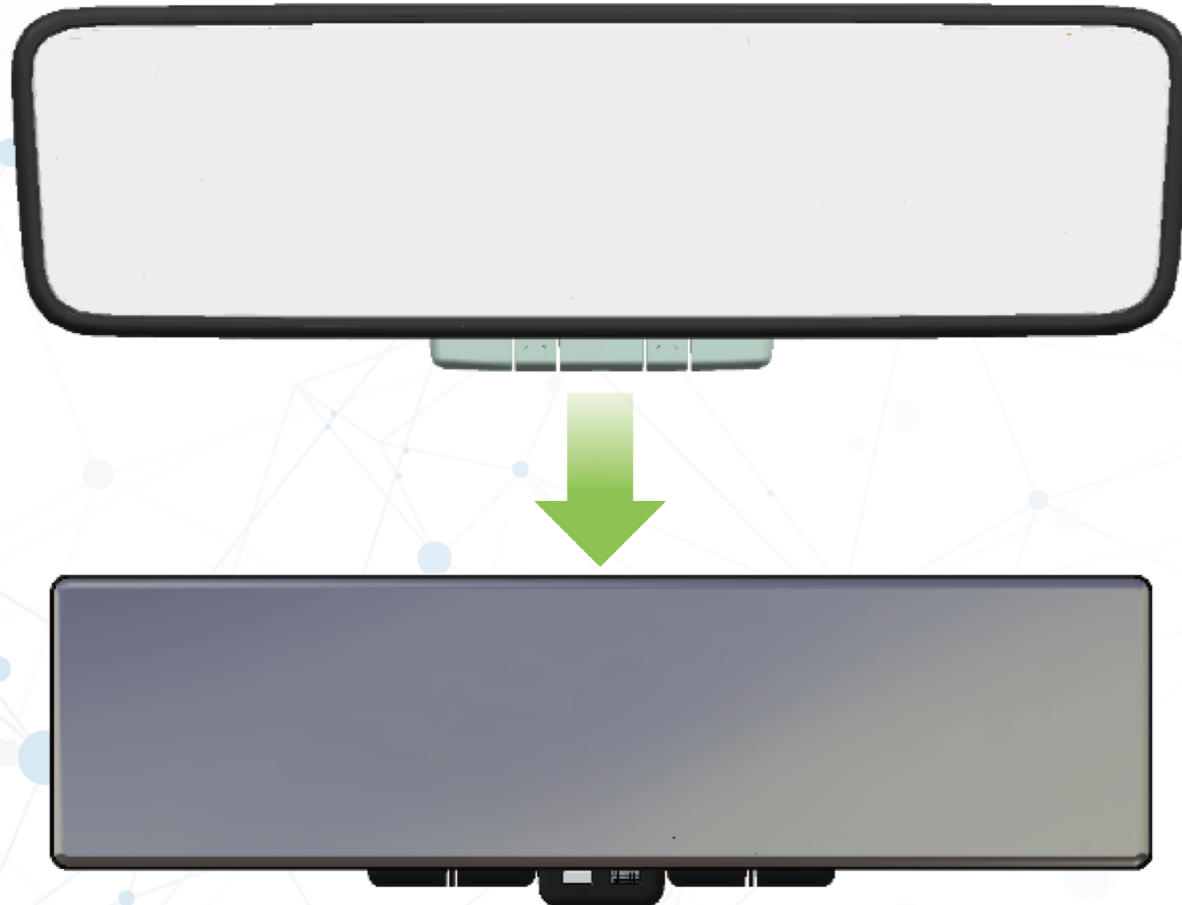


3HDR  
120dB

# Next-gen Intelligent rear view mirror

## Styling

= "Frameless" thin-bezel design



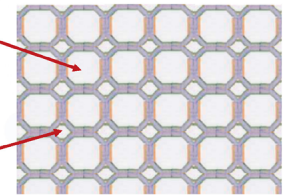
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## Flicker

= LED refresh rate (of LED traffic signals, car headlights, etc.)

Large Photodiode

Small Photodiode



Small photodiode

LED refresh rate		1 frame	1 frame	1 frame	1 frame	1 frame
		ON OFF ON OFF	ON OFF ON OFF	ON OFF ON OFF	ON OFF ON OFF	ON OFF ON OFF
Current model	Camera photodiode exposure time	→	→	→	→	→
	image	1 time	0.5 time	0 time	1 time	0.3 time
New model	Camera photodiode exposure time	→→→→→	→→→→→	→→→→→	→→→→→	→→→→→
	image	2 times	2 times	1 time	2 times	1.5 times



NISSAN  INTELLIGENT **M**OBILITY

The logo features the word "NISSAN" in a bold, black, sans-serif font. To its right is a square icon containing three blue diagonal lines. This is followed by the word "INTELLIGENT" in a smaller, black, sans-serif font. To the right of "INTELLIGENT" is a large, bold, black letter "M". Finally, the word "MOBILITY" is written in a bold, black, sans-serif font. The entire logo is centered horizontally. The background is a light gray with a network of thin, light blue lines connecting various-sized blue and gray circles, creating a sense of connectivity and technology.