

# RainScreen 86 86.0'' Vertical

Article number: 550.53701.86 Product Dimensions: W 1196 x H 2396 mm



RAINSCREEN

for the RainTunes system of

### hansgrohe



#### **KEY FEATURES**

State of the art technologyBlack Glass

86.0 screen diagonal

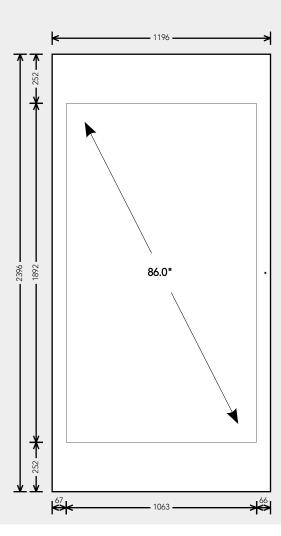
#### GERMAN SMART MIRROR TECHNOLOGY

**ad notam** is a celebrated inventor, pioneer, and one of the leaders in smart glass and mirror technology. Our products are the integration of both: electronics, such as screens, lighting or other features and glass/mirror surfaces. ad notam acknowledges the equal importance of both elements and continues to develop new and exciting breakthroughs on both fronts. It is ad notam's philosophy that any product is only as good as it's elements, that's why ad notam is able to provide its demanding clientele with the most cutting-edge technology they deserve.

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RainScreen 86 - 86.0" Vertical Article number: 550.53701.86

GENERAL INFORMATION			
Installation Method	Flush Mount Installation		
Product Dimensions	1196 W x 2396 H x 79 D mm		
Product Weight	170 Kg		
Product Usage	For In-Door Use only		
Operating Temperature	0° to 50° Celsius (32° to 122° Fahrenheit)		
Humidity	20% - 80%		
Certification	UL 60950-1, CAN / CSA 22.2 - 60950-1, CB, FCC, EN-60950-1, EMC 55022, EN 6100-3-2, UL 60950-1, CAN / CSA 22.2 - 60950-1, CB, FCC, EN-60950-1, EMC 55022, EN 6100-3-2, IPX2		
HS Code	85285931		
Packaging Type	Wooden Crate		
Packaging Dimensions	1396 W x 2596 H x 1200 D mm		
Gross Volume Weight	870 Kg		

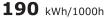


Note: The power adaptor of the display is external and not mounted behind the mirror/ glass. Please refer to the further instructions on the next page.

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VGA   1x D-Sub 15pin female   Supported resolutions: VGA, SVGA, XVGA, SXVGA,     Audio Inputs   Line Audio Input   2x RCA terminal, white (L), red (R)     Other Inputs   USB   1x USB terminal     RS 232   1x D-Sub 9pin male   IR Input (Infrared)     IR Input (Infrared)   1x Mini Jack 3.5 mm   24V     Audio Outputs   Speaker Output   1x Phoenix Clip 4pin   2x 8W RMS @ 8 Ohms per channel     Line Audio Output   1x Mini Jack 3.5 mm   2x 8W RMS @ 8 Ohms per channel   Intervention     Other Outputs   IR Output (Cable)   1x Mini Jack 3.5 mm   max. 2.0A / only one active voltage     Media Player   Audio   MP3, AAC, M4A, MP2   Intervention   Intervention     Picture   JPEG   Video   MPEG-4, H.264, AVI, MP4, MOV, DIVX   Intervention     OSD Language   Deutsch, English, Español, Français, Italiano, Português, Chinese   B   Intervention     Power   Voltage: DC 24V   Voltage: DC 24V   Intervention   Intervention	SCREEN						
Backlight / Lifetim     LED / 30,000 Hours       Screen Diagonale     2184 mm (86.0")       Picture Format     16.9       Physical resolution     3840 x 2160       Viewing Angle     Horizontal: Typical (Total) 178" (Left: 89" / Right: 89") Vertical: Typical (Total) 178" (Left: 89" / Right: 89")       Brightness     500 cd/m²       Contrast     Typical: 120:1       Response Time     8ms       Refresh Rate     120 Hz       Video Inputs     Component     3x RCA terminal, green (Y), blue (Pb), red (Pr)     Supported resolutions: 720p, 1080p, 1080p       HDMI 2.0     3x HDMI terminal     Supported resolutions: VGA, SVGA,	Mounting	Monitor on wall mounting	Monitor on wall mounting (MWS)				
Screen Diagonale   2184 mm (86.0*)     Picture Format   16.7     Physical resolution   3840 x 2160     Viewing Angle   Horizontal: Typical (Total) 178° (Left: 89° / Right: 89°) Vertical: Typical (Total) 178° (Left: 89° / Right: 89°)     Brightness   500 cd/m <sup>a</sup> Contrast   Typical: 1200:1     Response Time   8ms     Refresh Rate   120 Hz     Video Inputs   Component   3x RCA terminal, green (Y), blue (Pb), red (P)   Supported resolutions: 720p, 1080i, 1080p (Pb), red (P)     Video Inputs   Component   3x RCA terminal, green (Y), blue (Pb), red (P)   Supported resolutions: 576i, 576p, 720i, 720p, 1080i, 1080p (PD), red (P)     Audio Inputs   Line Audio Input   2x RCA terminal, green (Y), blue (PD), red (P)   Supported resolutions: VGA, SVGA, SV	Display Type	TFT Thin Film Transistor					
Picture Format   16-9     Physical resolution   3840 x 2160     Viewing Angle   Horizontal: Typical (Total) 178° (Lpt: / Down:)     Brightness   500 cd/m²     Contrast   Typical: 1200:1     Response Time   8ms     Refresh Rate   120 Hz     Video Inputs   Component     Other Inputs   Component     Video Inputs   Une Audio Input     Video Inputs   Line Audio Input     Video Inputs   Uine Audio Input     Vist   1x D-Sub 15pin female     Supported resolutions: VGA, SVGA, XVGA, SXVGA, IDSN, 1080, 1080p     Physical (Infrared)   1x Mini Jack 3.5 mm     IR Inputs (Infrared)   1x Mini Jack 3.5 mm     DC Input (LED)   1x Mini Jack 3.5 mm     IR Output (LED)   1x Mini Jack 3.5 mm     IR Output (LED)   1x Mini Jack 3.5 mm     IR Output (LED)   1x Mini Jack 3.5 mm <th>Backlight / Lifetime</th> <th colspan="5">LED / 30,000 Hours</th>	Backlight / Lifetime	LED / 30,000 Hours					
Physical resolution   3840 x 2160     Viewing Angle   Horizontal: Typical (Total) 178° (Left: 89° / Right: 89°) Vertical: Typical (Total) 178° (Left: 89° / Right: 89°)     Brightness   500 cd/m²     Contrast   Typical: 1200:1     Response Time   8ms     Refresh Rate   120 Hz     Video Inputs   Component   3x RCA terminal, green (Y), blue (Pb), red (P)   Supported resolutions: 720p, 1080i, 1080p     VGA   1x D-Sub 15pin female   Supported resolutions: 576i, 576p, 720i, 720p, 1080i, 1080p, UHD     VGA   1x D-Sub 15pin female   Supported resolutions: VGA, SVGA, XVGA, SXVGA, 1080p, UHD     Audio Inputs   USB   1x USB terminal RS 232   1x D-Sub 15pin female     Noter Inputs   USB   1x USB terminal RS 232   1x D-Sub 29 pin male IR Input (Infrared)   1x Mini Jack 3.5 mm DC Input   2x BV RMS @ 8 Ohms per channel     Ine Audio Output   1x Mini Jack 3.5 mm DC Output (ED)   1x Mini Jack 3.5 mm   max. 2.0A / only one active voltage     Media Player   Audio   MPS, AAC, M4A, MP2   Ficture   JPEG     Video   MPS, AAC, M4A, MP2   Ficture   JPEG   Mem   MPEG-4, H.264, AVI, MP4, MOV, DIVX   Mem     Document   DoC, PPT   Documen	Screen Diagonale	2184 mm (86.0")					
Viewing Angle   Horizontal: Typical (Total) 178° (Left: 89° / Right: 89°) Vertical: Typical (Total) 178° (Left: 89° / Right: 89°) Vertical: Typical (Total) 178° (Left: 89° / Right: 89°) Vertical: Typical (Total) 178° (Left: 89° / Right: 89°) Supported resolutions: 700, 1080,	Picture Format	16:9					
Wertical: Typical (Total) 178° (Up: / Down:)     Brightness   500 cd/m <sup>2</sup> Contrast   Typical: 1200:1     Response Time   8ms     Refresh Rate   120 Hz     Video Inputs   Component   3x RCA terminal, green (Y), blue (Pb), red (Pr)   Supported resolutions: 720p, 1080i, 1080p (Pb), red (Pr)     HDMI 2.0   3x HDMI terminal   Supported resolutions: 576i, 576p, 720i, 720p, 1080i, 1080p (1080p, UHD)     VGA   1x D-Sub 15pin female   Supported resolutions: VGA, SVGA, XVGA, SVVGA, 1080p, UHD     Audio Inputs   Line Audio Input   2x RCA terminal, white (L), red (R)     Other Inputs   USB   1x USB terminal RS 232   1x D-Sub 15pin female     DC Input   1x D-Sub 25ub pin male   24V     Audio Outputs   Speaker Output 1x Mini Jack 3.5 mm   24V     Audio Output   1x Mini Jack 3.5 mm   max. 2.0A / only one active voltage     Media Player   Audio   MP3, AAC, M4A, MP2   max. 2.0A / only one active voltage     Media Player   Audio   MP3, AAC, M4A, MP2   MICA AVI, MP4, MOV, DIVX   Audio     OSD Language   Deutsch, English, Español, Français, Italiano, Portugués, Chinese   B   B     Power   Voltage: DC 24V<	Physical resolution	3840 x 2160					
Contrast   Typical: 1200:1     Response Time   8ms     Refresh Rate   120 Hz     Video Inputs   Component   3x RCA terminal, green (N), blue (Pb), red (Pr)   Supported resolutions: 720p, 1080i, 1080p     Video Inputs   Component   3x RCA terminal (Pb), red (Pr)   Supported resolutions: 576i, 576p, 720i, 720p, 1080i, 1080p, UHD     Audio Inputs   Line Audio Input   2x RCA terminal x D-Sub 15pin female   Supported resolutions: VGA, SVGA, XVGA, SXVGA, SVGA, XVGA, SXVGA, DC Input     Audio Outputs   USB   1x USB terminal RS 232   1x D-Sub 9pin male In Rout (Infrared)   24V     Audio Outputs   Speaker Output Ine Audio Output   1x Phoenix Clip 4pin Ix Mini Jack 3.5 mm DC Input   2x 8W RMS @ 8 Ohms per channel     Other Outputs   IR Output (Cable)   1x Mini Jack 3.5 mm DC Output 5V/12V   max. 2.0A / only one active voltage     Media Player   Audio   MPS.4AC, M4A, MP2 Picture   JPEG Video   MPSG.4, H.264, AVI, MP4, MOV, DIVX DOC, PPT   Mini ack 3.5 mm max. 2.0A / only one active voltage     OSD Language   Deutsch, English, Español, Français, Italiano, Português, Chinese   Begent   Begent     Power   Voltage: DC 24V   Voltage: DC 24V   Português, Chinese   Begent	Viewing Angle						
Response Time   8ms     Refresh Rate   120 Hz     Video Inputs   Component   3x RCA terminal, green (Y), blue (Pb), red (Pr)   Supported resolutions: 720p, 1080i, 1080p     Video Inputs   Component   3x RCA terminal, green (Y), blue (Pb), red (Pr)   Supported resolutions: 576i, 576p, 720i, 720p, 1080i, 1080p, UHD     Audio Inputs   Line Audio Input   2x RCA terminal, white (L), red (R)     Other Inputs   USB   1x USB terminal RS 232   1x DS Supported resolutions: VGA, SVGA, XVGA, SVVGA, DC Input     Audio Outputs   USB   1x USB terminal RS 232   1x DC Sub 9pin male IR Input (Infrared)   24V     Audio Output   1x Mini Jack 3.5 mm DC Input   1x Phoenix Clip 4pin 1x Mini Jack 3.5 mm   24V     Audio Output   IR Output (Cable)   1x Mini Jack 3.5 mm DC Output 5V/12V   max. 2.0A / only one active voltage     Media Player   Audio   MP3, AAC, M4A, MP2 Picture   PEG JPEG   JPEG JPEG   Media Alt Alt Audio   MPEG-4, H.264, AVI, MP4, MOV, DIVX   Audio mode     OSD Language   Deutsch, English, Español, Français, Italiano, Português, Chinese   B   B     Power   Voltage: DC 24V   Français, Italiano, Português, Chinese   B	Brightness	500 cd/m <sup>2</sup>					
Refresh Rate   120 Hz     Video Inputs   Component   3x RCA terminal, green (Y), blue (Pb), red (Pr)   Supported resolutions: 576i, 576p, 720i, 720p, 1080i, 1080p, UHD     VGA   1x D-Sub 15pin female   Supported resolutions: VGA, SVGA, XVGA, SVVGA,     Audio Inputs   Line Audio Input   2x RCA terminal, white (L), red (R)     Other Inputs   USB   1x USB terminal RS 232   1x D-Sub 9pin male IR Input (Infrared)     DI Input   USB   1x WSB terminal RS 232   24V     Audio Outputs   Speaker Output   1x Phoenix Clip 4pin 1x Mini Jack 3.5 mm DC Input   2x 8W RMS @ 8 Ohms per channel     Other Outputs   IR Output (Cable)   1x Mini Jack 3.5 mm DC Output 5V/12V   24V     Audio Output   1x Mini Jack 3.5 mm DC Output ULED)   1x Mini Jack 3.5 mm     Other Outputs   IR Output (Cable)   1x Mini Jack 3.5 mm DC Output SV/12V   max. 2.0A / only one active voltage     Media Player   Audio   MP3, AAC, M4A, MP2 Picture   JPEG JPEG   JPEG Video   MEG4, H.264, AVI, MP4, MOV, DIVX   Audio     OSD Language   Deutsch, English, Español, Français, Italiano, Português, Chinese   B   B   C     Power   Voltage: DC 24V   Voltage: DC 24V   Voltage: DC 24V   Voltag	Contrast	Typical: 1200:1					
Video Inputs   Component   3x RCA terminal, green (Y), blue (Pb), red (Pr)   Supported resolutions: 720p, 1080i, 1080p     HDMI 2.0   3x HDMI terminal   Supported resolutions: 576i, 576p, 720i, 720p, 1080i, 1080p, UHD     VGA   1x D-Sub 15pin female   Supported resolutions: VGA, SVGA, XVGA, SXVGA,     Audio Inputs   Line Audio Input   2x RCA terminal, white (L), red (R)     Other Inputs   USB   1x USB terminal RS 232   1x D-Sub 9pin male IR Input (Infrared)     RI Input (Infrared)   1x Mini Jack 3.5 mm DC Input   2x RVRMS @ 8 Ohms per channel     Uner Outputs   Speaker Output IR Output (Cable)   1x Mini Jack 3.5 mm DC Output   2x 8W RMS @ 8 Ohms per channel     Media Player   Audio   MP3, AAC, M4A, MP2 Picture   max. 2.0A / only one active voltage     Media Player   Audio   MP3, AAC, M4A, MP2 Picture   picture     Video   MPEG-4, H.264, AVI, MP4, MOV, DIVX   action     Document   DOC, PPT   A     OSD Language   Deutsch, English, Español, Français, Italiano, Português, Chinese   B     Power   Voltage: DC 24V   E   E	Response Time	8ms					
(Pb), red (Pt)   HDMI 2.0   3x HDMI terminal   Supported resolutions: 576i, 576p, 720i, 720p, 1080i, 1080p, UHD     VGA   1x D-Sub 15pin female   Supported resolutions: VGA, SVGA, XVGA, SXVGA,     Audio Inputs   Line Audio Input   2x RCA terminal, white (L), red (R)     Other Inputs   USB   1x USB terminal     RS 232   1x D-Sub 9pin male   IR Input (Infrared)     IR Input (Infrared)   1x Mini Jack 3.5 mm   24V     Audio Outputs   Speaker Output   1x Phoenix Clip 4pin   2x 8W RMS @ 8 Ohms per channel     Line Audio Output   1x Mini Jack 3.5 mm   2x 8W RMS @ 8 Ohms per channel   In Output (LED)     Other Outputs   IR Output (Cable)   1x Mini Jack 3.5 mm   max. 2.0A / only one active voltage     Media Player   Audio   MP3, AAC, M4A, MP2   Image: Counce of the second put in the second put in DC (PPT)   Image: Counce of the second put in the second put in DC (PPT)   Image: Counce of the second put in	Refresh Rate	120 Hz					
Audio Inputs   Line Audio Input   2x RCA terminal, white (L), red (R)     Other Inputs   USB   1x USB terminal     RS 232   1x D-Sub 9pin male   IR Input (Infrared)     IR Input (Infrared)   1x Mini Jack 3.5 mm   24V     Audio Outputs   Speaker Output   1x Phoenix Clip 4pin   2x 8W RMS @ 8 Ohms per channel     Other Outputs   IR Output (Cable)   1x Mini Jack 3.5 mm   max. 2.0A / only one active voltage     Media Player   Audio   MP3, AAC, M4A, MP2   max. 2.0A / only one active voltage     Media Player   Audio   MP5G-4, H.264, AVI, MP4, MOV, DIVX   ad motion     OSD Language   Deutsch, English, Español, Français, Italiano, Portuguès, Chinese   B     Power   Voltage: DC 24V   Eventsch, English, Español, Français, Italiano, Portuguès, Chinese   B	Video Inputs	Component		Supported resolutions: 720p, 1080i, 1080p			
Audio Inputs   Line Audio Input   2x RCA terminal, white (L), red (R)     Other Inputs   USB   1x USB terminal RS 232   1x D-Sub 9pin male IR Input (Infrared)     IR Input (Infrared)   1x Mini Jack 3.5 mm DC Input   24V     Audio Outputs   Speaker Output Line Audio Output   1x Phoenix Clip 4pin 1x Mini Jack 3.5 mm   2x 8W RMS @ 8 Ohms per channel     Other Outputs   IR Output (Cable)   1x Mini Jack 3.5 mm DC Output (LED)   1x Mini Jack 3.5 mm     Media Player   Audio   MP3, AAC, M4A, MP2 Picture   max. 2.0A / only one active voltage     Media Player   Audio   MP3, AAC, M4A, MP2 Picture   JPEG JPEG     Video   MPEG-4, H.264, AVI, MP4, MOV, DIVX Document   AUdio     MPEG-4, H.264, AVI, MP4, MOV, DIVX   Audio     MPEG-4, H.264, AVI, MP4, MOV, DIVX   B     Power   Voltage: DC 24V		HDMI 2.0	3x HDMI terminal	Supported resolutions: 576i, 576p, 720i, 720p, 1080i, 1080p, UHD			
Other Inputs   USB   1x USB terminal     RS 232   1x D-Sub 9pin male     IR Input (Infrared)   1x Mini Jack 3.5 mm     DC Input   1x DC XLR 4pin male     24V     Audio Outputs   Speaker Output     Line Audio Output   1x Mini Jack 3.5 mm     Dther Outputs   IR Output (Cable)     IR Output (LED)   1x Mini Jack 3.5 mm     DC Output 5V/12V   1x Mini Jack 3.5 mm     DC Output 5V/12V   1x Mini Jack 3.5 mm     Media Player   Audio   MP3, AAC, M4A, MP2     Picture   JPEG     Video   MPEG-4, H.264, AVI, MP4, MOV, DIVX     Document   DOC, PPT     OSD Language   Deutsch, English, Español, Français, Italiano, Português, Chinese     Power   Voltage: DC 24V		VGA	1x D-Sub 15pin female	Supported resolutions: VGA, SVGA, XVGA, SXVGA, UXGA			
RS 232   1x D-Sub 9pin male     IR Input (Infrared)   1x Mini Jack 3.5 mm     DC Input   1x DC XLR 4pin male     Audio Outputs   Speaker Output     Ine Audio Output   1x Phoenix Clip 4pin     1x Mini Jack 3.5 mm   2x 8W RMS @ 8 Ohms per channel     Line Audio Output   1x Mini Jack 3.5 mm     IR Output (Cable)   1x Mini Jack 3.5 mm     IR Output (LED)   1x Mini Jack 3.5 mm     DC Output 5V/12V   1x Mini Jack 3.5 mm     DC Output 5V/12V   1x Mini Jack 3.5 mm     DC Output 5V/12V   1x Mini Jack 3.5 mm     Picture   JPEG     Video   MPEG-4, H.264, AVI, MP4, MOV, DIVX     Document   DOC, PPT     OSD Language   Deutsch, English, Español, Français, Italiano, Português, Chinese     Power   Voltage: DC 24V	Audio Inputs	Line Audio Input	2x RCA terminal, white (L), red (R)				
Line Audio Output   1x Mini Jack 3.5 mm     Other Outputs   IR Output (Cable)   1x Mini Jack 3.5 mm     IR Output (LED)   1x Mini Jack 2.5 mm     DC Output 5V/12V   1x Mini Jack 3.5 mm     Media Player   Audio   MP3, AAC, M4A, MP2     Picture   JPEG     Video   MPEG-4, H.264, AVI, MP4, MOV, DIVX     Document   DOC, PPT     OSD Language   Deutsch, English, Español, Français, Italiano, Português, Chinese     Power   Voltage: DC 24V	Other Inputs	RS 232 IR Input (Infrared)	1x D-Sub 9pin male 1x Mini Jack 3.5 mm	24V			
IR Output (LED)   1x Mini Jack 2.5 mm   max. 2.0A / only one active voltage     Media Player   Audio   MP3, AAC, M4A, MP2     Picture   JPEG   Video     Video   MPEG-4, H.264, AVI, MP4, MOV, DIVX   ad notam     Document   DOC, PPT     OSD Language   Deutsch, English, Español, Français, Italiano, Português, Chinese   B     Power   Voltage: DC 24V   C	Audio Outputs			2x 8W RMS @ 8 Ohms per channel			
Picture JPEG   Video MPEG-4, H.264, AVI, MP4, MOV, DIVX   Document DOC, PPT   OSD Language Deutsch, English, Español, Français, Italiano, Português, Chinese   Power Voltage: DC 24V	Other Outputs	IR Output (LED)	1x Mini Jack 2.5 mm	max. 2.0A / only one active voltage			
Power Voltage: DC 24V	Media Player	Picture Video	JPEG MPEG-4, H.264, AVI, MP4, MOV	, DIVX ad notam DFU-0860-873			
Power Voltage: DC 24V	OSD Language	Deutsch, English, Español, Français, Italiano, Portugues, Chinese					
Standby: 0.3W, 0.01A Default: 190W, 7.92A Maximum: 288W, 12.0A	Power	Standby: 0.3W, 0.01A Default: 190W, 7.92A					
External Power   Dimensions 280 W x 144 H x 49 D mm     Adapter   Please follow the installation instructions - for more details please click here.							





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GLASS & MIRROR	
Туре	Black Glass
Surface	LSG (Laminated Safety Glass)
Tint	RAL 9005 / Jet black
Edging	F Corner Polished