



# PIXERA mini

Basic technical specifications

# PIXERA mini

Technical product details



Product	PIXERA mini
Available models	PIXERA mini Dual   Quad
Art. Nr.	PXM-2   PXM-4
<b>Physical</b>	
Case Dimension (WxDxH)	215 x 230 x 44,4mm
Max. Product Dimension*	PXM: 215 x 230 x 44,4mm   PSU: 63 x 190 x 41mm
Product Weight	PXM: 2,5kg   PSU: 0,6kg
Shipping Dimension	500 x 310 x 110mm
Shipping Weight	4,5kg
<b>Hardware</b>	
CPU Type	Intel Core i5
CPU # of Cores / # of Threads	6/6
CPU Min/Max Frequency	2,8/2,8GHz
RAM	8GB
RAM Channels used	1
<b>Power</b>	
Power Supply	100-240VAC, 50-60Hz
Power Consumption Peak	150W
Power Consumption Average with High Load*)	120W
Heat Dissipation Peak	520BTU/h
Heat Dissipation Average with High Load*)	410BTU/h
<b>Operating System + Data Storage NVMe</b>	
OS + Data NVMe Amount of Physical Drives	1
OS + Data SSD Capacity (Net)	500GB
OS + Data SSD max. Constant Read Rate	900MB/s
<b>Data Storage NVMe Onboard</b>	
Data NVMe Capacity (Net)	Optional (1TB, 2TB)
Data NVMe Max. Read Rate	Optional (1,6GB/s)

<b>Video Outputs</b>	
Licensed Video Outputs	PIXERA Director   2   4
Physical Video Outputs	4 (4x4K, or 1x4k)
Video Output Standard	mDP1.4
Video Output Resolution (Max.)	4096x2160 @60Hz
EDID Management	Yes
<b>Connection</b>	
USB	1x USB2 Front, 4x USB3 Rear
Network	2x 1Gbps
<b>Audio Outputs (Not all configs possible*)</b>	
Analog Unbalanced	Stereo (3,5mm TRS)
<b>Environmental Specifications - Operating</b>	
Temperature (altitude less than 1000m, no direct sunlight)	10°C to 30°C
Maximum Temperature Gradation	10°C per hour
Temperature De-Rating (altitude more than 1000m)	Reduce max. temp. by 1°C per 300m
Maximum Altitude	3000m
Relative Humidity (noncondensing)	20% RH to 80% RH
Maximum Humidity Gradation	10% RH per hour
<b>Environmental Specifications -Storage</b>	
Temperature (no direct sunlight)	-30°C to 55°C
Maximum Temperature Gradation	20°C per hour
Relative Humidity (noncondensing)	5% RH to 95% RH
Maximum Humidity Gradation	10% RH per hour
<b>General</b>	
Warranty	2 years
Optional Warranty	Total 3   4   5 years

<b>Software</b>	
<b>Software - OS</b>	
Operating System	Windows 10 IoT x64
<b>Software - PIXERA</b>	
PIXERA Software License	PIXERA Server
Vioso Software License	Optional (Autocal, Autocal Plus)
Layers	Unlimited
Playout	Unlimited
Local Editing	Yes, Not recommended during playback! (Via Video Outputs)
3D Visualisation	Yes, Not recommended during playback! (Via Video Outputs)
Network Master / Manager	Yes
Rendering (Output, Visu)	Yes, Not recommended during playback! (Via Video Outputs)
PIXERA control GATE License	Yes

FHD	=	1920x1080, Uncompressed Datarate at 60fps	=	375MB/s
UHD	=	3840x2160, Uncompressed Datarate at 60fps	=	1,5GB/s
4K	=	4096x2160, Uncompressed Datarate at 60fps	=	1,6GB/s

- \* Power Consumption Average with High Load = Tested with very high CPU, GPU and SSD workload
- \* Heat Dissipation Average with High Load = Calculated with very high CPU, GPU and SSD workload
- \* Not all configs possible = Not all configurations of video input, network, audio cards are possible. Please ask.
- \* Max. Product Dimension = Product dimension incl. front handles, back handles, rubber bumpers, etc.  
Handles can not be removed on all products!
- \* Case Dimensions, Product Dimensions: Please note that due to the production process there may be deviations in the dimensions.



AV Stumpfl GmbH | [www.PIXERA.one/PIXERAmimi](http://www.PIXERA.one/PIXERAmimi) | [AVstumpfl@AVstumpfl.com](mailto:AVstumpfl@AVstumpfl.com) | tel.: +43 (0) 7249 / 42811

Technical information contained in this document is subject to change without prior notice. Should you need further clarification/information, please contact AV Stumpfl directly.