



ProViu®360
2nd Generation Surround View

Continental 
The Future in Motion

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ProViu®360 2nd gen

Next Generation Surround View

Customer Group

- › All CV Markets

Benefits and Features

- › HD surround view system
- › 4x Megapixel **HDR** Cameras
- › Enhanced image quality especially under low light conditions
- › Genuine real time delivery at 30fps
- › Smaller component size for better vehicle integration
- › based on years of experience with generation 1



Technical Data

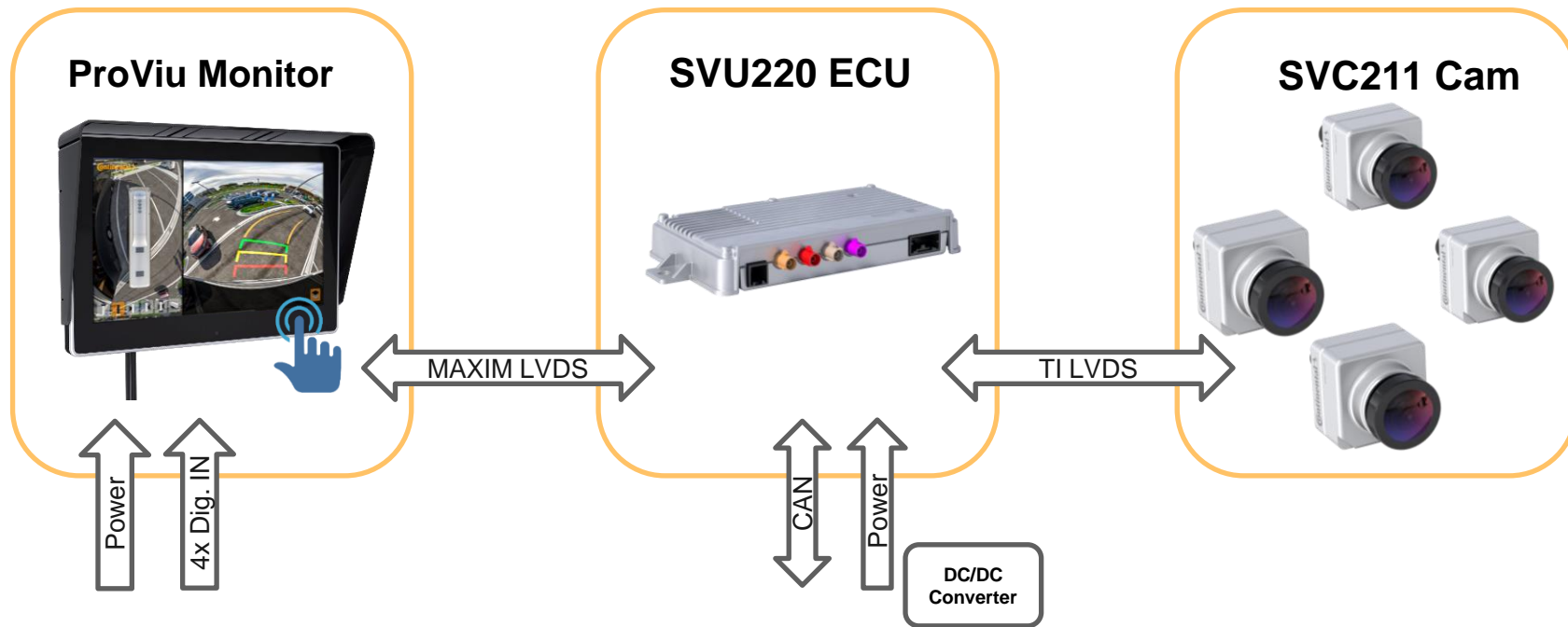
- › Monitor: 10.1" HD Touch-Display
- › Camera: 1,3 Megapixel HDR Camera
- › Video Processing Unit

Variants

- › Platform development. Adaptations possible

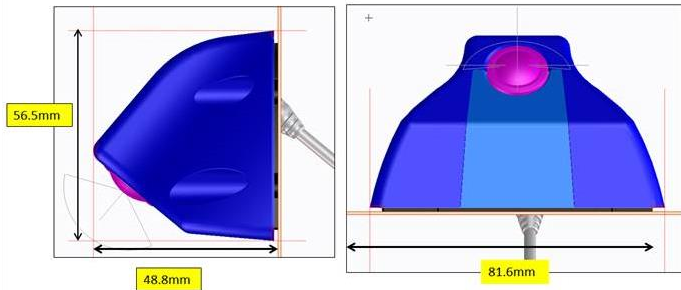
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Next Generation Surround View



ProViu®360 2nd gen Camera Housing Design

- › 40° Angle for optimized Vision
- › 4 x M6 Screws for fixation
- › Rubber Plate for Vibration optimization
- › Acc. To ECE Requirements (Radius & Size)



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Next Generation Surround View

Customized Views

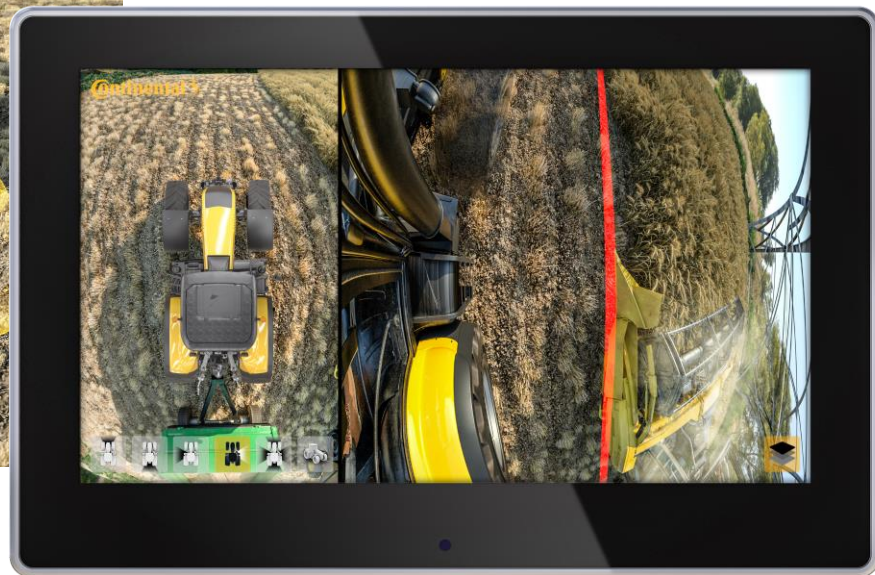


3D Views



Seamless Overview

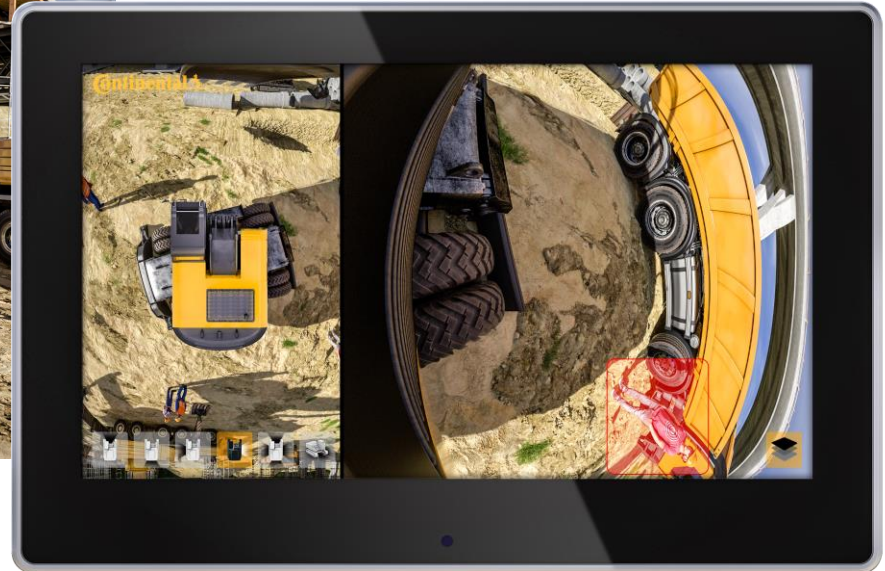


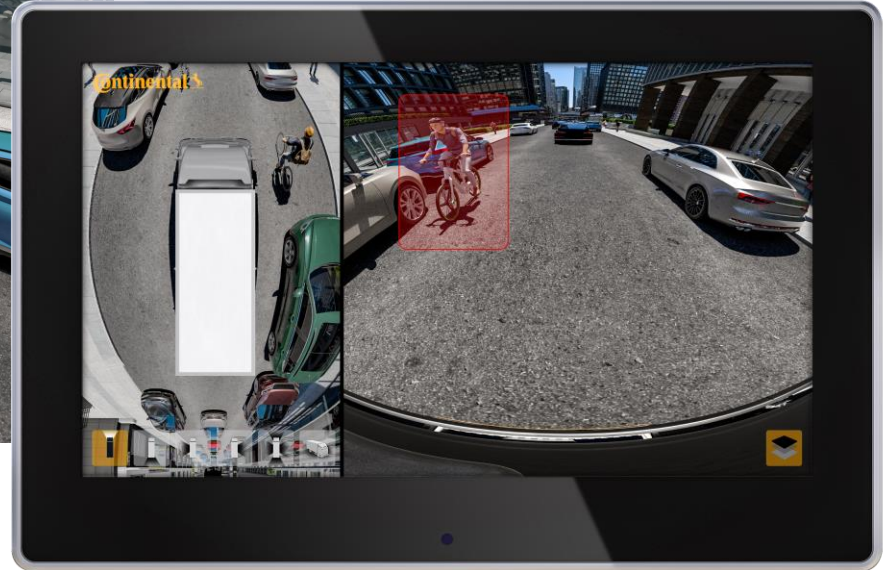
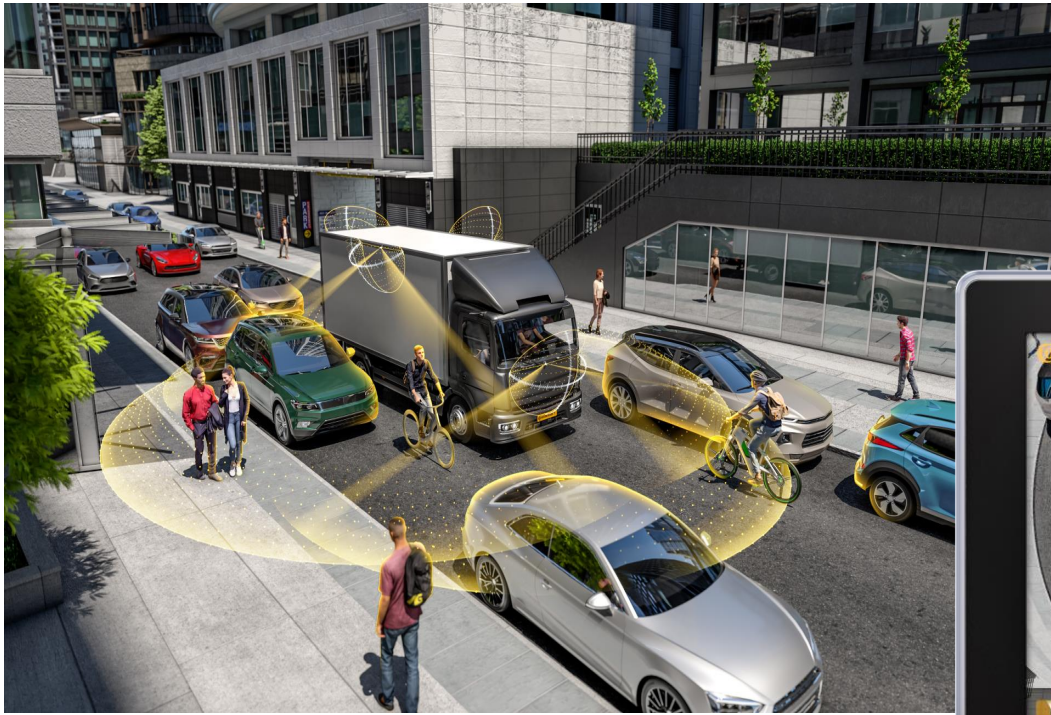


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Continental CVS
Internal >





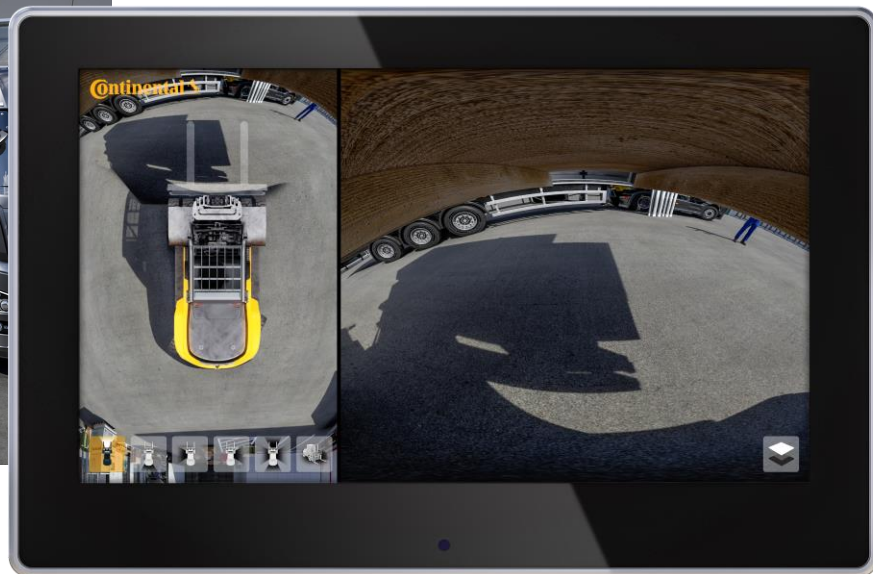


Continental CVS
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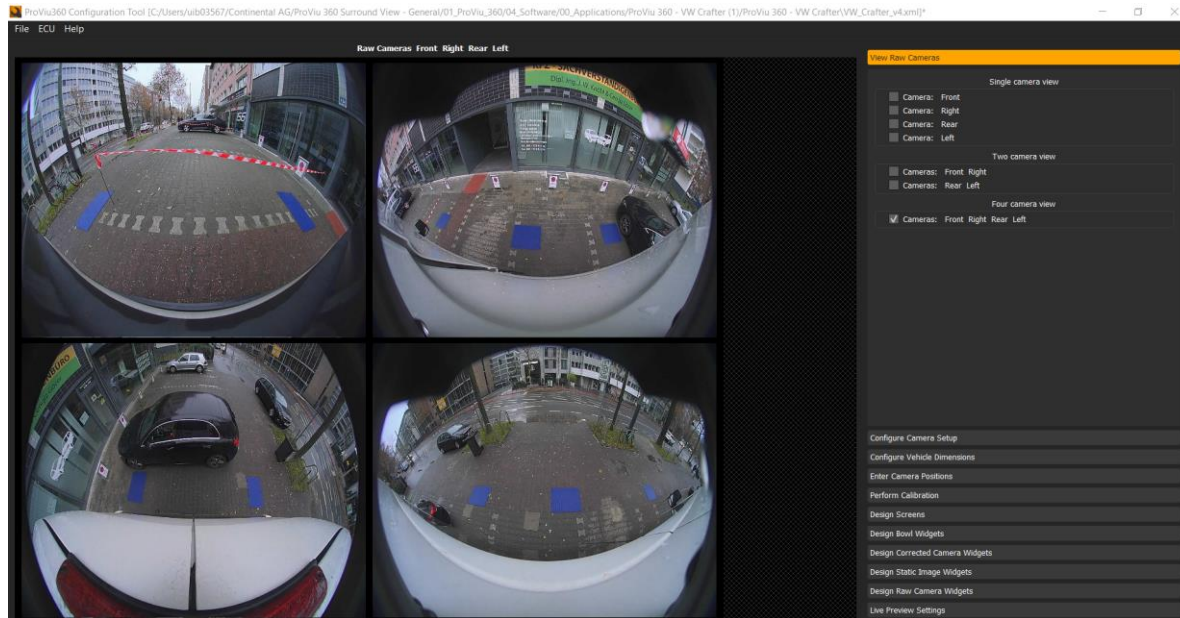
Continental CVS
Internal >





Continental CVS
Internal >

ProViu®360 2nd gen Configuration Tool



- › Customized screen Designs
- › Camera calibration
- › Vehicle parametrization
- › Application Preview

ProViu®360 2nd gen

ProViu®ASL 360 Comparison

Component	Feature	ProViu®ASL 360	ProViu®360
Monitor	Resolution	720x576p	1280x720p
	Size	7 - 9"	10,1"
	Brightness	typ. 400 cd/m ²	typ. 800 cd/m ²
	Touch-Panel	No	Yes
	IP-Rating	IP-54 / IP-65	IP-67
Camera	Resolution	720x576p	1280x1080p
	Technology	Standard	HDR
	Frames per Second	24fps	30fps
	Size	43x43x49mm	23x23x38mm
ECU	Vehicle Interface	Dig-Inputs	CAN + Dig-Inputs
	Video Interface	Analog	Digital LVDS
	Size	37x129x226mm	27x99x169mm
	PC Tool	Configuration Tool	Configuration Tool incl. 3D Views

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Extension possibilities – development not started yet



Sensor fusion

- › With Radar or other sensors communicating via CAN-Bus, distance measurements, object detection etc.



Image processing

- › Dynamic 3D views & overlays, Road based calibration, Soiling detection, Lane departure warning, Motion detection etc.



ProViu®360 2nd gen

Instant on - FMVSS Compliance

- › The System is providing an image within 1.9 seconds to ensure your safety, even when time is critical
- › After initial Power-On the System will show the Back-Up Camera in crystal clear HD
- › After additional 3 seconds the system has completed the boot sequence and is providing a 360 degree sight around the vehicle
- › full operability within just 5 seconds

Thank You!

Chris Kosmala

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