

Xiris® HMI PC Options

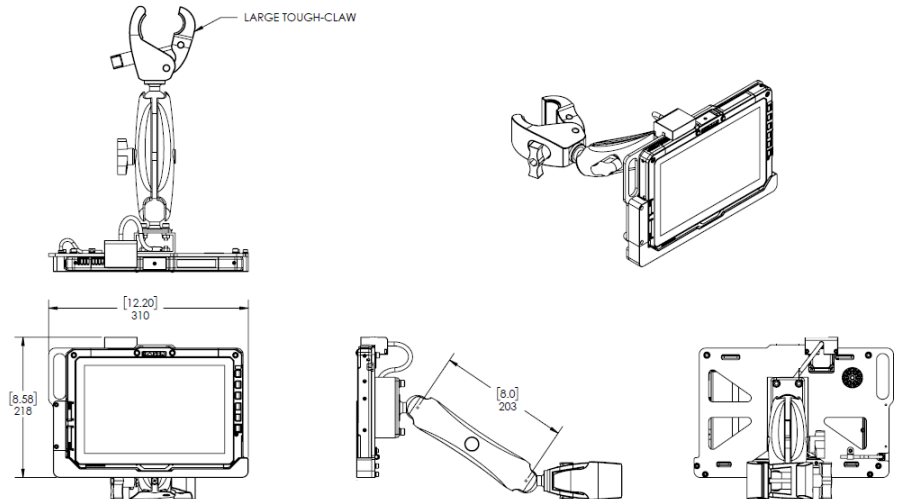
A guide to the different HMI PC options provided by Xiris.



Product Overviews

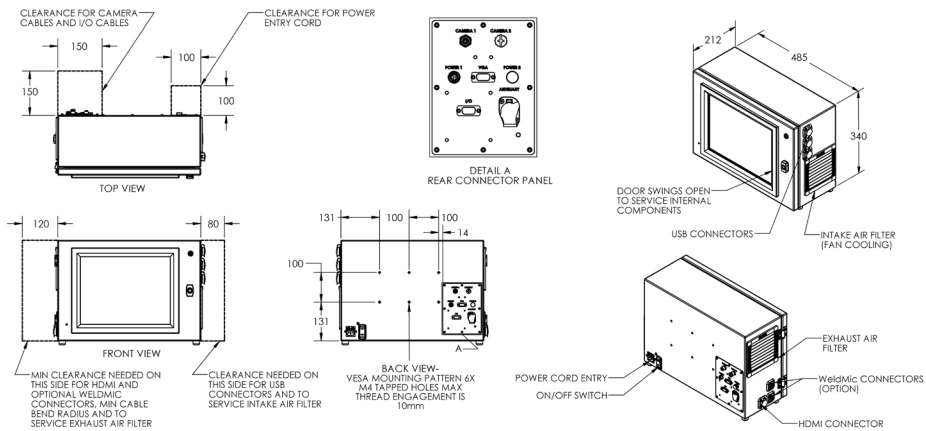
PHR-1 Portable Tablet HMI

- Easy to use, sunlight-readable touchscreen display
- Extremely rugged, meeting latest military specifications
- Simple and modular configuration to meet on-site needs
- Ideal for applications such as mobile welding automation



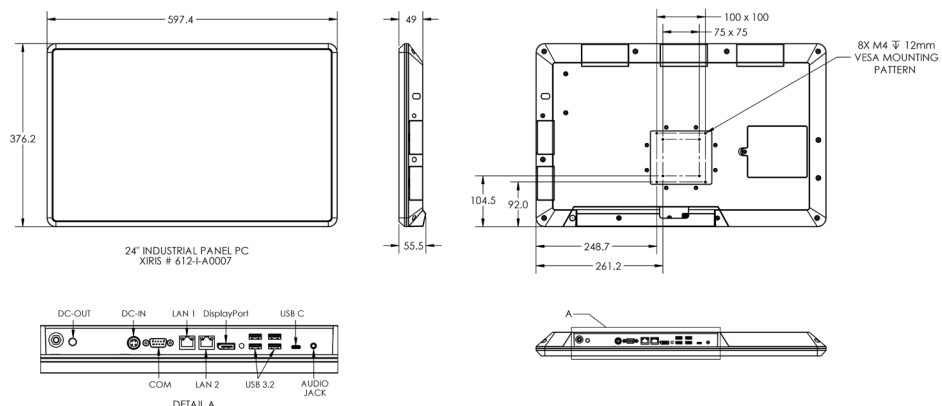
PHR-2 HMI Controller

- Highest protection from metal dust and electrical interference in a welding environment
- Responsive touchscreen, even with the use of gloves
- Simple installation with camera GigE ports, Vesa mounting capabilities, and integrated power for Xiris cameras
- Ideal for hard automation applications such as column and boom



PHI-1 Fanless HMI

- Clear view of the weld from a comfortable distance with large 24" display
- Easy integration with fanless design and Vesa mounting capabilities
- Download recorded video files using integrated USB 3 and ethernet ports
- Ideal for welding automation for seamers, cladding, and robotic cells



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Product Comparison Table



Model Name	PHR-1	PHR-2	PHI-1
Description	Portable Tablet HMI with 10.1" display (sunlight readable)	HMI Controller	Fanless HMI
Display Size	10.1" Touchscreen 1920 x 1200 pixel	15" Touchscreen 1024 x 768 pixel	24" Touchscreen 1920 x 1080 pixel
Recommended For	Rugged portable welding systems where a single camera is required	Rugged automation where multiple cameras are used and/or high image processing is required	Automated systems with a single camera, mainly for operator viewing
Maximum Number of Xiris Cameras at Full fps	1 Camera 1 up to 45 fps 1 up to 30 fps 1 up to 25 fps 1 up to 20 fps	2 Cameras 2 up to 54 fps 2 up to 54 fps 2 up to 30 fps 1 up to 60 fps	1 Camera 1 up to 54 fps 1 up to 30 fps 1 up to 30 fps Not recommended
Processor	Intel i7-Low Power	Intel i7-Gen10 High Power	Intel i7-Gen10
Storage (SSD)	250 GB	1 TB (up to 4 TB)	128 GB
Ethernet Connections	1 x Camera (RJ 45 or M12)	2 x Camera (M12) 1 x LAN (RJ 45)	1 x Camera (RJ 45) 1 x LAN (RJ 45)
Monitor Output	None	VGA, HDMI	Display Port with HDMI Adaptor
Camera Power XVC-1000e/1100e XVC-1000 /1100 XIR-1800 XVC-700/710 XVC-S100	Use wall plug Use wall plug or POE Injector Use wall plug or POE Injector Use POE Injector Use wall plug	Direct from HMI Use wall plug or POE Injector Use wall plug or POE Injector Use POE Injector Use wall plug	Use wall plug Use wall plug or POE Injector - Use POE Injector Use wall plug
Cooling	Single Fan	Dual Fan and Filters	Fanless
Available Software	Pre-loaded with WeldStudio™ 3. WeldStudio™ 3 Pro licensing is available upon request		

Please speak with a sales representative for pricing details.



Xiris Automation Inc.
5046 Mainway, Unit 2
Burlington, Ontario, Canada L7L 5Z1
T: +1.905.331.6660 F: +1.905.331.6661
E: sales@xiris.com www.xiris.com

Xiris Automation GmbH
Holterkamp 18
40880 Ratingen, Germany
T: +49.2102.126.3835
E: sales@xiris.eu www.xiris.com

Check out our website for most recent details. August 2023.