

OLED · 15.6inch Touch Display

RICOH
Portable Monitor
150/150BW

RICOH
imagine. change.



Unleash Your Potential

We're in an era when workstyles and lifestyles are diversifying.

Make the most of your time wherever you go whether playing, working, or collaborating.

The Ricoh Portable Monitor 150/150BW is lightweight and feature-rich. It's perfect for more dynamic business and private time. Lighten every day with Ricoh Portable Monitor.

OLED Panel

15.6 inch

Thinnest part

Approx. **4.8mm**

Weight

150

560g

150BW

715g

Use it in all sorts of business and private situations



Portability

150 560g

150BW 715g

The 15.6-inch monitor is lightweight and only about 4.8mm thick in its slimmest area. You'll find it easy to carry every day.

Ricoh's integrated cable rings let you cleanly store the cables when carrying or stowed in your bag.

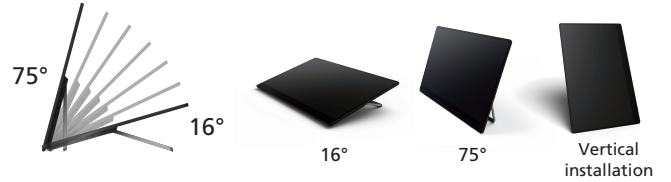


Usability

150 150BW

The integrated stand can be freely adjusted to achieve the optimum angle for use. The USB Type-C® cable can be used for power as well as to show the same image on a PC or smartphone screen.

Connected devices must be compatible with USB PD or DP Alt Mode. To use extended functions, they must also be compatible with those particular functions.



Visibility

150 150BW

The vibrant OLED screen produces minimal blue light to make reading, creative tasks, and video watching more comfortable. It enhances work efficiency as well as quality.



DCI-P3 100%



Draw

150 150BW

A high-performance touch sensor capable of 10-point multi-touch*1 contributes to intuitive operation. Drawing and annotating are possible during collaboration, and a stylus*2 capable of detecting 4,096 levels of pressure enables sophisticated visualization of your designs and ideas.

*1 Touch operation requires OS support

*2 The stylus is optional



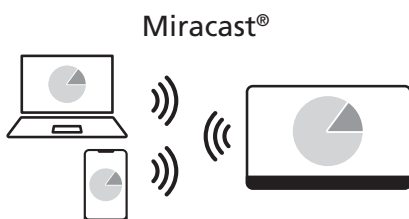
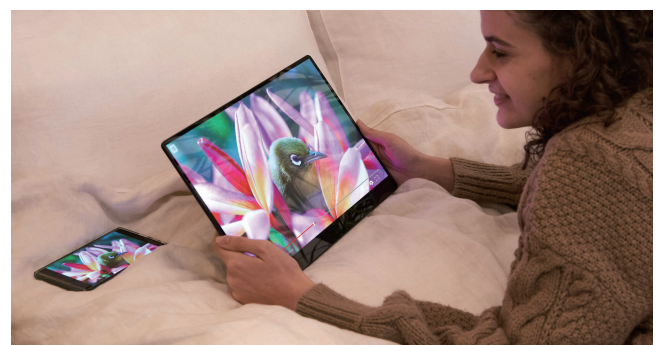
Recommended writing angle (16 degrees)

Wireless Connection

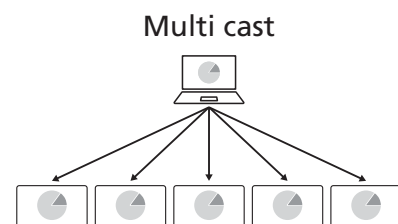
150BW

It's easy to wirelessly connect* Portable Monitor 150BW with a PC or smartphone (Miracast®) and freely operate it without a cable. A built-in high-capacity battery provides about three hours of wireless operation. Enjoy work and entertainment without worrying about having to charge on the go.

*There is no guarantee that all PCs and smartphones can connect.



Up to 2 devices can be connected to a laptop at a time
Connecting with Mac OS and iOS requires a dedicated app.



One PC can connect with up to 5 Portable Monitors at a time
All connected devices must have a Windows® app installed.
Only one of the connected devices can be touch-operated while connected.
You can change what devices are connected at any time.

RICOH Portable Monitor 150/150BW

		RICOH Portable Monitor 150	RICOH Portable Monitor 150BW
EDP code		514909	514910
Display panel	Display method	OLED (Organic Light Emitting Diode)	
	Maximum resolution	1920 x 1080	
	Brightness (max)	300 nit (=cd/m ²)	
	Contrast	1:100,000	
	Display colors	8bit+2bit FRC (maximum number of colors: Approx. 1.07 billion colors)	
	Panel size	15.6 inches	
	Refresh rate	60Hz	
	Color gamut	DCI-P3 100%	
	Viewing angle	85° or higher	
	Response time	1ms	
Touch panel	Blue light cut	Eye Care Display certified	
	Number of simultaneous display units	1 unit	Max. 2 units (wireless)
	Protective glass	Toughened glass, AF (anti-fingerprint) coating	
	Detection method	Active electrostatic coupling method (AES2.0)	
Interfaces	10-point multi-touch	Supported(Windows®/Android™)	Wired/Wireless connection : Supported(Windows®/Android™)
	Back side	USB Type-C® 2 (External power supply/DisplayPort™ signal input function supported)	
	Screen wireless communication method, Encryption	-	Miracast® WPA2™-PSK
Audio	Supported wireless LAN standard	-	IEEE802.11 b/g/n (2.4 GHz), IEEE802.11 a/n/ac (5 GHz)
	Built in speaker	1.5W x 2	
Power supply (external)	Input method	USB Power Delivery (USB Type-C® powered)	
	Input	15W or more recommended. Max. 45W (5V/3A, 9V/3A, 15V/3A, 20V/2.25A)	
	Output (power pass through)	Max. 25W (5V/0.9A, 9V/0.77A, 15V/1.66A, 20V/1.25A)	
	ON mode power consumption	13 W or less	15.5 W or less
Internal battery	Standby mode power consumption	0.2 W or less	
	Type	-	Lithium-ion battery
	Capacity	-	3740mAh
	Charging time	-	Approx. 2.5 hours*1
Environment	Operating time (when fully charged)	-	Continuous operating time: 3 hours
	Operating temperature	0~35°C	
	Operating humidity	10~80% (without condensation)	
Continuous operating time	20 hours		
Weight (main unit only)	560g	715g	
Dimensions (main unit only) W x D x H	356.0 x 10.8 x 221.7mm (thinnest part: 4.8mm)		
Screen installation angle	Landscape orientation	Free stop (Approx. 75~16°), Recommended angle for writing: Approx. 16°	
	Portrait orientation	Approx. 70°	
Certification	Energy Star		
Supported Certifications	Energy Star		
	Energy Star		
Bundled items	USB Type-C® cable x1, Cable clamps x4, Sleeve case, Warranty card, Read This First, Quick Guide		
	-	License Code for "RICOH Monitor Multicast for Windows®"	
Warranty Period	Main Unit – 3 years. Battery – 1 year		

*1 When charging in an environment of 16 to 35°C.

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Free software

Product name	Overview
RICOH Monitor Multicast for Windows®	It mirrors the display of one Windows® PC to up to five RICOH Portable Monitor 150BWs and allows touch-operation from one of them.
RICOH Monitor Mirroring for macOS	Mirrors the display of one Mac PC to one RICOH Portable Monitor 150BW.
RICOH Monitor Mirroring for iOS	Mirrors the display of one iPhone to one RICOH Portable Monitor 150BW.

A PC or smartphone with the same software installed can be connected to a RICOH Portable Monitor 150BW on the same network (same subnet). Speed depends on your network environment.

Option

Product name	Specifications	EDP code
RICOH Monitor Stylus Pen Type1	AE52.0/AA6 (AAAA) batteries x 1, up to 4096 levels of writing pressure detection, function buttons x 2*1	514913

*1 The function keys depend on OS app support. They do not work during wireless connection. This also applies to palm rejection (a function that allows you to write with a pen while touching a part of your hand on the screen).

Recommended specifications for related peripherals

Category	Recommended specifications
AC adapter	USB Power Delivery (USB PD) supported, Max. 45W or higher
USB cable	Type-C to C, rated current 3A or higher, compatible with video outputting

● Some of the specifications are subject to change without notice. Note that the color tone of the product may differ from the actual product due to printing. ● DisplayPort™ is a trademark of the Video Electronics Standard Association (VESA®) in the United States and/or other countries. ● Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. ● Miracast is a trademark of Wi-Fi Alliance. ● Android is a trademark of Google LLC. ● Mac, Mac OS and Apple are trademarks of Apple Inc. ● iPhone trademarks are used under licensing from iPhone Co., Ltd. ● iOS is a trademark in the United States and/or elsewhere or a Cisco registered trademark used under licensing. ● Wi-Fi™ and WPA2™ are trademarks of Wi-Fi Alliance. ● IEEE is a trademark of The Institute of Electrical and Electronic Engineers, Inc. ● Other company names, product names, and logo marks listed in this catalog are trade names, trademarks, or registered trademarks of their respective companies.