

# Ricoh D5530

Share ideas anywhere, anytime  
work better together

Get your whole team working productively together in meetings and brainstorming. The Ricoh D5530 offers outstanding clarity with 4K touchscreen. It has a wide range of connectivity options that allows you to connect a wide variety of devices. The device comes with powerful integrated speakers and ready to be connected with any kind of external camera or video conference endpoint.

You can also browse the web straight from the screen.

**RICOH**  
imagine. change.



- 4K one-stop collaboration hub with document annotation
- Dual usage (landscape and portrait) with rotation unit
- Plug and share your laptop
- Motion detection
- Compatible with any video conference camera
- Enhanced features with Windows controller

## PRODUCT HIGHLIGHTS

HUDDL MEETING ROOM  BRAINSTORMING MEETINGS	FLOOR STAND VESA MOUNT	VIDEO CONFERENCE READY AND REALTIME CONTENT SHARING	MOTION DETECTION	SMART DEVICE CONNECTIVITY	INTERACTIVE SOFTWARE & APPLICATIONS
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Some features are supported by Ricoh Standard controllers only

# Board Sheet

Category	Item	D5530		
	Panel Size	55 inch		
	Aspect Ratio	16:9		
	Back Light	DLED		
	Max Resolution [dot]	3,840 x 2,160 dot (4K)		
	Max Display Color	1.07 Billion colors		
	Pixel Pitch [mm]	0.315(H) x 0.315(W)		
	Brightness [cd/m <sup>2</sup> ] (typ.)	440		
	Contrast Ratio (typ.)	4000:1		
	Angle of View [deg] (typ.)	left-right:178 upper-lower:178		
	Active Screen Size [mm]	1,209.6 (H) x 680.4 (V)		
	Response Speed [ms]	8(Typ)		
	Color	White		
	Display Orientation	Landscape / Portrait		
	Technology	InGlass™, Optical bonding		
	Touch Point	Pen&Finger: 4 points (φ 2 - 8mm) Finger&Small Eraser: 20 points (φ 8 - 50mm) Larger Eraser: 2 points (φ 50mm - ) Total (Max): 20 points		
	Resolution	Time Resolution: 150pt/sec Reported Resolution: 19353x10886 (landscape)		
	Accuracy	Center area: 1mm (Typ) Edge area: 1.2mm (Typ)		
	Touch Pen Request	2.0mm		
	Touch Sensor	Multi Touch	Windows 8 / 8.1 Windows 8 / 8.1 Pro Windows 8 / 8.1 Enterprise Windows Embedded Standard 7 P Windows Embedded Standard 8 Windows 10 Home Windows 10 Pro Windows 10 Enterprise Windows 10 IoT	
			Single Touch	Windows 8 / 8.1 Windows 8 / 8.1 Pro Windows 8 / 8.1 Enterprise Windows Embedded Standard 7 P Windows Embedded Standard 8 Windows 10 Home Windows 10 Pro Windows 10 Enterprise Windows 10 IoT
	OS	Mac OS X 10.8 ~Mac OS X 10.15		
	Cover Glass	Touch Output	USB 3.0 (Type B)*	
		Thickness [mm]	2mm	
		Coating	Pre-treated AG (Anti-Glare) AF (Anti-Fingerprint)	
Hardness [H]		7		

Motion Detection Sensor			Yes
Remote Control Sensor			Yes
Dust Resistant Function			IP5X equivalent
Power Supply	Power Supply		100-240V, 50-60Hz
	Power consumption [W]	In Operation	Less than 270W (without OPS) Less than 350W (Fully configured)
		Standby	Less than 0.3W (without OPS)
Sound	amp [W]		12+12
	Internal Speaker		Stereo (12+12)
	Input	L/R, RCA	No
		Line3.5mm	1
	Output	L/R, RCA	No
Speaker-out		1 □ Headphone-Out	
Video	Input	VGA (Mini D-SUB 15pin)	1
		HDMI	1
		DVI-D	No
		DisplayPort	1
		Composite	No
		Component	No
	Output	S-Video	No
		VGA	No
		DVI	No
		DisplayPort	1
USB Hub(1)	I/F	USB3.0	
	Port	USB3.0: 2port(1.5A/port) TypeA	
	Power Supply	Self Powered	
USB Hub(2)	I/F	USB3.0	
	Port	USB3.0: 4port(1.5A/port) TypeA	
	Power Supply	Self Powered	
Control	Input	RS-232C	1
	Output	RS-232C	1
	RJ45 (Wired LAN)	No	
	USB3.0 (Type B) *for Touch Sensor		USB3.0 (Type B) x 1
OPS Slot			1
Operation Key			Tact switch x 7
Product Size (W x D x H) [mm]			1,290(W) x 78(D) x 773(H) (Landscape) 773(W) x 78(D) x 1290 (H) (Portrait)
Product Weight [kg] [Max]			35 37
Installation			VESA 400(W) x 400(H)mm M8 x 16mm (depth)
Environmental Condition	Operating temperature limits [°C]		0 - 32°C
	Operating humidity limits [%]		10 - 80%RH
	Storage temperature limits [°C]		-10 - 50°C
	Storage humidity limits [%]		15 - 80%RH
Noise (dB)			Less than 35

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# Controllers

Category	Item	Specification		
Main spec (OPS)	Development Name	STANDARD CONTROLLER	SMART CONTROLLER OP5	SMART CONTROLLER OP10
	Product Name	RICOH Collaboration Board Controller Type 3	RICOH Interactive Whiteboard Controller OP-10	RICOH Interactive Whiteboard Controller OP-5
	CPU	Intel Core i5-6500TE	Intel Core i7-6700TE	Intel Core i5-6500TE
	System OS	Windows 10 IoT Enterprise LTSC 2019 64-bit	Windows 10 Professional 64-bit	Windows 10 Professional 64-bit
	SSD	128 GB	512 GB	128 GB
	RAM Memory	8 GB	16 GB	8 GB
	Chipset	H110	Q170	H110
	LAN Interface (Wired)	10BASE-T/ 100BASE-TX/ 1000BASE-T	10BASE-T/ 100BASE-TX/ 1000BASE-T	10BASE-T/ 100BASE-TX/ 1000BASE-T
	LAN Interface (Wireless)	802.11 ac/a/b/g/n	802.11 ac/a/b/g/n	802.11 ac/a/b/g/n
	Interface (Output)	HDMI x 1	HDMI	HDMI
	Interface (Input)	VGA x 1 DisplayPort x 1 HDMI x 1	VGA x 1 DisplayPort x 1 HDMI x 1	VGA x 1 DisplayPort x 1 HDMI x 1
	Interface (Others)	USB 3.0 Type A x 3, 3.5 mm microphone jack, 3.5 mm headphone jack	USB 3.0 Type A x 3, 3.5 mm microphone jack, 3.5 mm headphone jack	USB 3.0 Type A x 3, 3.5 mm microphone jack, 3.5 mm headphone jack
	Bluetooth	Embedded	Embedded	Embedded
	Recovery Time from Standby Mode	About 65 seconds	About 6 seconds	About 6 seconds
	Power Source	DC +12 to 19V	DC +12 to 19V	DC +12 to 19V
Capture Box	Included (4K)	Not included	Not included	
Installation	Insert into OPS slot	Insert into OPS slot	Insert into OPS slot	
Product Size (W x D x H) [mm]	200 x 119 x 30 (OPS itself)	200 x 119 x 30	200 x 119 x 30	
Product Weight [kg]	1.0kg (OPS), 0.3kg (Capture Box)	1.0kg (OPS)	1.0kg (OPS)	
Environmental Condition	Operating Temperature Limits	0 - 32	0 - 32	0 - 32
	Operating Humidity Limits	10 - 80%	10 - 80%	10 - 80%
	Storage Temperature Limits	-10 - 50	-10 - 50	-10 - 50
	Storage Humidity Limits	15 - 80%	15 - 80%	15 - 80%

# Capture Box Capture Box Specification

Item	4K Capture Box
Interface (Input)	HDMI 1.4b / DP 1.1 / VGA
Resolution (Output)/fps	30fps @ 4K/2K
Resolution (Input)/fps	30fps @ 4K / 60fps @ 2K
Audio Sampling Rate	48kHz @ 16/24bit □Hardware: 44.1kHz, 32kHz□
Non-HDCP Contents Display via Mac PC	HDMI/DP
Color Image	YUV422@2K / YUV420@4K
Time to Display via Capture Box	VGA/HDMI: 5sec DP: 7sec
Delay to Display	100msec
Dimension (W x D x H) [mm]	165 x 115 x 30 (Capture Box itself)
Input Detection via Converter	Automatic

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## Options

### Controllers

RICOH Collaboration Board Controller Type 3

RICOH Smart Controller OP5

RICOH Smart Controller OP10

### Floor Stand

RICOH Collaboration Board Stand Type 6

RICOH Collaboration Board Rotation Unit Type1

### Writing Tools

RICOH Collaboration Board Touch Pen Type 3

RICOH Interactive Whiteboard Eraser Type 1

### Software

RICOH Interactive Whiteboard Remote License Type 1

RICOH IWB PLUGIN FOR O365 (Controller Type3 required)

RICOH COLLABORATION SOFTWARE RICC (Controller OP5/10 required)

## Compliance

### Supported Standards

#### Safety Standards

UL62368-1; CAN/CSA-C22.2

EN62368-1; (CE marking)

EN60950-1 / EN62368-1 (TUV)

IEC60950-1 / IEC62368-1 (CB attestation)

CNS14336 (RPC)

KC Mark

GB4943 (CCC)

CU-TR

#### EMC

FCC Part15 SubpartB

IC ES-003

EN55024 (CE marking),EN55032 (CE marking)

EN55024,EN55035,EN55032,EN61000-3-2,EN61000-3-3

AS/NZS CISPR32 (C-Tick)

GB9254, GB17625.1 (CCC)

CNS13438 (RPC)

CU-TR (EMC)

#### EMF

EN62311 (CE marking)

## Accessories

Remote Controller

Power Cord (longer than 2.5m)

VGA Cable (3.0m)

USB Cable 3.0 (1.8m)

HDMI Cable 2.0 (4.6m)

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## Dimensional Drawing

