

RICOH D7510

Take your teamwork to the next level with seamless collaboration

RICOH D7510 allows team work anywhere, anytime. Share documents in real time and give all team members the tools they need to contribute to meetings. With new embedded powerful sound speakers you can plug & play any kind of video conference end points and enjoy any kind of meetings.

- 4K one-stop collaboration hub with document annotation and web browsing capabilities
- Motion Detection feature
- Connect easily your camera and microphone to use immediately embedded speakers
- Choose the best option for your organization between Smart Controller and Standard Controller
- Choose the best collaboration software package to improve your experience
- Adding RICOH Streamline NX (SLNX) enables secure card-based device access and allows you to email and print anything produced on the Board



Landscape orientation

4K
FULLHD

PRODUCT HIGHLIGHTS

BOARD ROOM
TRAINING
ROOM

FLOOR STAND
VESA MOUNT

VIDEO
CONFERENCE
READY
AND REALTIME
CONTENT
SHARING

MOTION
DETECTION

SMART
DEVICE
CONNECTIVITY

INTERACTIVE
SOFTWARE &
APPLICATIONS

Some features are supported by RICOH Standard controllers only

Board sheet

| Category | Items | D7510 | |
|-------------------|--|--|--|
| Display panel | Panel size | 75 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] | 0.42975 (H) x 0.42975 (W) | |
| | Brightness [cd/m ²] (typ.) | 440 | |
| | Contrast ratio (typ.) | 4000:1 | |
| | Angle of view [deg] (typ.) | Left-right:178 Upper-lower:178 | |
| | Active screen size [mm] | 1,650.24 (H) x 928.26 (V) | |
| | Response speed [ms] | 8 (Typ.) | |
| | Color | White | |
| | Display orientation | Landscape | |
| | Touch sensor | 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: 150 pt/sec Reported resolution: 19353x10886 (Landscape) | |
| Accuracy | | Center area: 1mm (Typ) Edge area: 1.2mm (Typ) | |
| Touch pen request | | 2.0mm | |
| OS | | 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 |
| | | | Mac OS X 10.8 ~Mac OS X 10.15 |
| Touch output | | USB 3.0 (Type B)* | |
| Cover glass | | 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 420W (Without OPS) Less than 500W (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 |
| | | Display port | 1 |
| | | Composite | No |
| | | Component | No |
| | Output | S-Video | No |
| | | VGA | No |
| | | DVI | No |
| | | Display port | 1 |
| USB hub (1) | I/F | USB3.0 | |
| | Port | USB3.0: 2port (1.5A/port) Type A | |
| | Power supply | Self powered | |
| USB hub (2) | I/F | USB3.0 | |
| | Port | USB3.0: 4port (1.5A/port) Type A | |
| | 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] | | 1,733 (W) x 79 (D) x 1045 (H) (Landscape) | |
| Product Weight [kg] [Max] | | 59 61 | |
| Installation | | VESA 400(W)x400(H)mm M8x16mm (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 |

Controllers

| Category | Item | Specification | | |
|-------------------------------|----------------------------------|---|---|---|
| Main spec (OPS) | Development name | Standard Controller | Smart Controller OP10 | Smart Controller OP5 |
| | 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 | 128GB | 512 GB | 128 GB |
| | RAM memory | 8GB | 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

| Category | Item | 4K Capture box |
|---------------------------|--------------------------------------|---|
| Capture box specification | 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 |

Options

Controllers

RICOH Collaboration Board Controller Type 3

RICOH Smart Controller OP5

RICOH Smart Controller OP10

Floor stand

RICOH Collaboration Board Stand Type 7

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 Type 3 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)

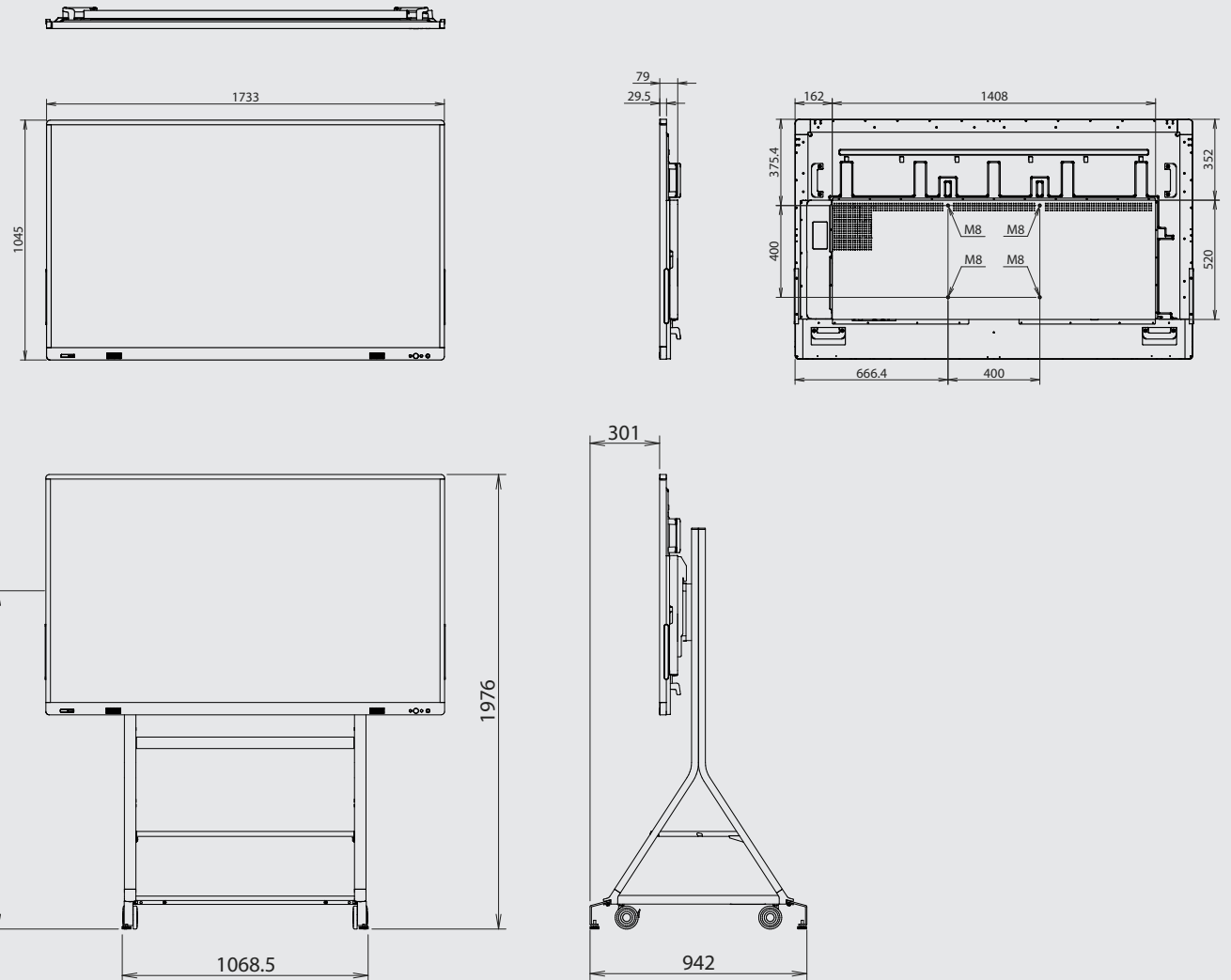
USB cable 3.0 (1.8m)

HDMI cable 2.0 (4.6m)

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Dimensional Drawing



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