# MDP-215A

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## Main Features

- 21.5” Full HD Display with PCAP Touch, healthcare-grade construction
- Full aluminium and zero-bezel casing is easy to clean
- Seamless design prevents germs from hiding in crevices
- Integrated with Heng Yu hygiene keyboard to trigger the disinfection process
- Onscreen guides depict surface disinfection in real time
- With built-in PresenceLock™ to lock your screen automatically
- With built-in HID® dual frequency RFID reader for authentication
- Compatible with Windows and leading healthcare platforms
- Cleaning system operates whether host computer is on or off
- VESA mount monitor accommodates healthcare setup
- Available in HDMI or VGA or USB-C (thunderbolt) interface for the monitor section
- USB interface for the touch panel section
- Patented interfacing design between the hygiene monitor and keyboard for the offline disinfection function

## Disinfection Process

- Press the Clean button on the hygiene keyboard to start disinfection
- The hygiene keyboard will trigger the hygiene monitor to enter the disinfection mode
- Our hygiene monitor OSD will show up the keyboard shape on top of the current OS desktop
- User starts to clean the keyboard until all keys on the keyboards turn white
- The monitor OSD will then show up a 4x3 square matrx and user can start to clean the monitor screen
- Each square will turn white once the corresponding section of the screen is cleaned
- After being fully disinfected, the monitor will resume normal
- User can continue to work on the computer safely
- User can interrupt the disinfection process by pressing the Clean button again till the OSD screen disappears

Easy Clean

Disinfectable

## Dual frequency HID® NFC card reader

- 13.56 MHz HF and 125Khz LF dual interface
- Smart Card Reader with CCID and Keyboard Wedge Interface
- Protocols and Cards HF: iCLASS, iCLASS SE/SR, iCLASS Seos, various MIFARE cards, ISO 14443A/B, ISO15693 … etc.
- Protocols and Card LF: HID Prox, Indala Prox, EM Prox, EM4100/4102/4200/4305/4450, AWID Prox, Hitag 1.2.3, ASK, PSK, FSK … etc.
- USB Interface USB 2.0 Full Speed Device (12 Mbps)
- USB 3.0 extended operability

## PresenceLock™ Sensor

- Patent-pending PresenceLock™ sensor uses intelligent sensing chipset solution
- PresenceLock™ detects human presence in real time to securely auto lock the PC upon walkaway
- Locks a PC within defined time of a user's departure and ensures always-secure vacant workstations
- Presence detection zones and timing can be set by software

# Technical Data

[Panel Specification]

Resolution: 1920 (H) × 1080 (V)

Active Area: 476.64(H) × 268.11(V), mm

Contrast Ratio: 500:1

Luminance: 500 cd/m2

Response Time: 12ms

Viewing Angle: 85°/ 85°/ 85°/ 85° (Up/ Down / Left/ Right)

Touch Panel: Max 10 point multi-touch

[Electrical]

Power Input: 12V

Current: less than 2A

Interfaces for Monitor: VGA or HDMI or USB-C (Thunderbolt)

Interface for touch panel: USB

[Others]

Storage Temperature: -20℃ ~ 70℃

Operating Temperature: 0℃ ~ 60℃

Operating Humidity: 10% ~ 80%

Mounting: VESA compliant (100mm x 100mm)

Dimensions: 530 x 317, mm

Approval: FCC / CE

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