

Temperature Taking Hardware Bundle For Wall Mounting, Desktop or Floor Stand/Cart Applications with InReality Software



Stay ahead of the curve with Mimo Monitors' cutting-edge, touch-free temperature-taking kiosk bundle

Mimo Tablet Bundles for Channel - Desk	
FG Bundle Part Number	Bundle Description
MCT-70HPQ-TMPMD	7" Tablet Hardware Bundle Desktop
MCT-10HPQ-POE-TMPMD	10.1" Tablet Hardware Bundle Desktop
MCT-156HPQ-POE-TMPMD	15.6" Tablet Hardware Bundle Desktop
MCT-215HPQ-TMPMD	21.5" Tablet Hardware Bundle Desktop
Mimo Tablet Bundles for Channel - Wall	
FG Bundle Part Number	Bundle Description
MCT-70HPQ-TMPMW	7" Tablet Hardware Bundle Wall Mount
MCT-10HPQ-POE-TMPMW	10.1" Tablet Hardware Bundle Wall Mount
MCT-156HPQ-POE-TMPMW	15.6" Tablet Hardware Bundle Wall Mount
MCT-215HPQ-TMPMW	21.5" Tablet Hardware Bundle Wall Mount
Mimo Tablet Bundles for Channel - Floor	
FG Bundle Part Number	Bundle Description
MCT-70HPQ-TMPMF	7" Tablet Hardware Bundle Floor Stand/Cart
MCT-10HPQ-POE-TMPMF	10.1" Tablet Hardware Bundle Floor Stand/Cart
MCT-156HPQ-POE-TMPMF	15.6" Tablet Hardware Bundle Floor Stand/Cart
MCT-215HPQ-TMPMF	21.5" Tablet Hardware Bundle Floor Stand/Cart

Stay ahead of the curve with the new, groundbreaking temperature taking touch-free bundle paired with InReality software, ensuring everyone entering any building or public place is fever-free. Including all the necessary components needed to protect businesses and communities, this enterprise-grade bundle is reliable, customizable, and seamless to use. This bundle contains a Mimo Monitors Android commercial Adapt-IQV tablet, a wrist temperature sensor and a choice of wall mount, desktop stand or floor stand/cart.

Durable, customizable, and intuitive to use, this hardware/software bundle can be personalized to fit the needs of every business. Created with ultimate flexibility in mind, this software is able to display different messages on the screen to provide instructions, and its thorough analytics system can be connected with existing databases to track personal temperatures daily and keep this on record for supreme safety. If you don't have a database, InReality can provide it. Due to the enterprise-grade nature of the bundle, the devices are also able to sync and work together for the most accurate results and all-encompassing picture.

Ideal for entrances to grocery stores, assisted living facilities, office buildings, manufacturing plants, health clubs, hospitals, schools, or in taxi's prior to riding, this device uses advanced medical sensors to take a person's temperature and ensure they are not putting others at risk. These devices have been designed for Level One Triage only. Seamless to set up and efficient to use, this groundbreaking touch-free temperature bundle can provide the peace of mind needed.

Enterprise Applications

Scenario #1: Entry to School/Business/Gov Buildings/Stores Collect data match to id's through the "dynamic hubs"

- Notify Attendant - Person NOT to enter and go straight to medical assist
- Notifications can be sent – depending on configuration

Scenario #2: Counter top systems, VESA mount systems, integrated systems

- Place in hotel / on visitation check in counters
- Mount at door entry, check out lanes



1.
check



Take the
Q&A
Screening

2.
scan



At entry, Scan
Temp, get QR
Code with
result

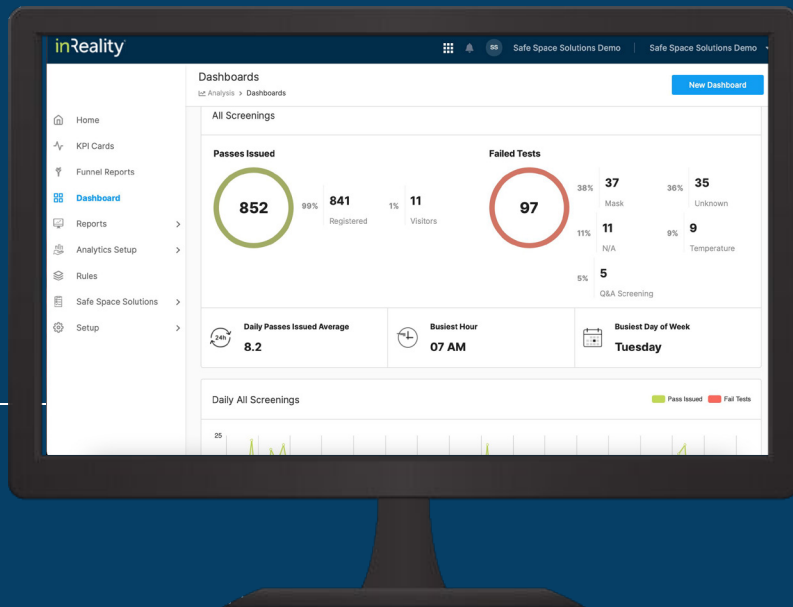
3.
clear



Cleared?
Proceed with
a mobile Safe
Pass

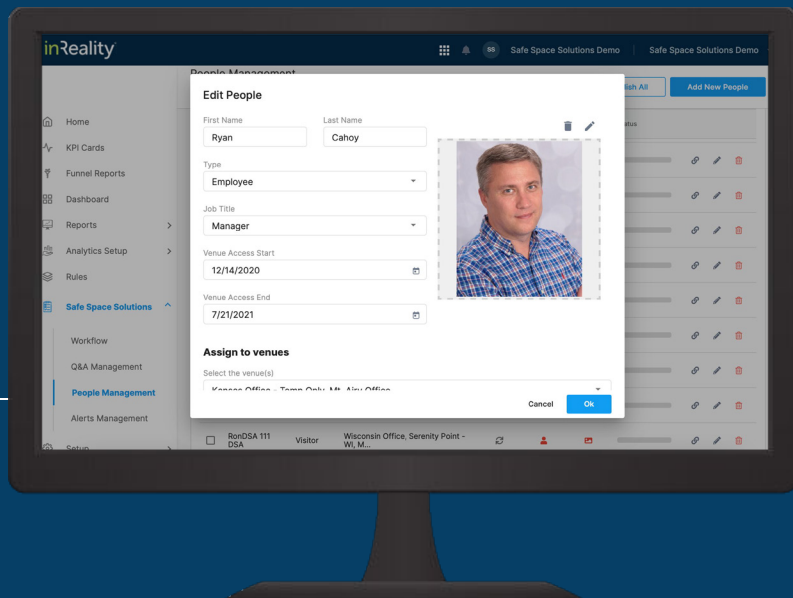
Enterprise Platform

Screening
Dashboards



Enterprise Platform

Manage
Employees,
Visitors, and more



List of features and options:

1. Notify attendant or HR via text or email
2. Covid-19 survey pass/fail prior to check-in
3. Takes attendance
4. Custom branding
5. Contactless solution via QR code scan:
Transfer of touch to mobile phone
6. LED lights/green and red (optional)
7. ID scanning and verification against database (optional)
8. Building entry pass printing (optional)



Mimo Temp Sensor

FAQ

Are the reports local to each device or can they be aggregated?

Data is collected locally and the desired data (combinations of counts, results, photos) is sent to the InReality Cloud. Local data is purged regularly.

Can I customize reports?

Yes, but some very specific customization may require additional development.

Can you export reports?

Yes, as a .CSV file.

Can I easily document the temperature result for every recognized person/employee's record?

InReality's Employee Compliance Module provides access to all historic employee compliance and audit records.

How quickly are the dashboards refreshed?

Dashboards are refreshed approximately every 2 hours. Data is uploaded multiple times per hour and a standard data processing job is completed regularly for display to the dashboard. Real-time alerts are available via API.

Is it secure?

Yes, here are the specific details below:

Device

- Supports the ability to capture, store, and forward face images and temperature or dispose of all data on the fly (we are not storing or sharing any PII).
- InReality's custom launcher or Home screen only allows whitelisted apps to be shown on the Home screen.
- Users will not be able to access any other apps or files on the device. This provides a level of security from users sideloading other apps or accessing the files on the device.
- Communication
- All communication between the Device and InReality's cloud is through an HTTPS - SSL Secure tunnel with authentication. InReality devices uses Transport Layer Security (TLS) Version 1.2
- Cloud
- InReality's Platform is deployed on Amazon's Web Services platform and leverages its built-in security features. AWS uses AES 256 Bit encryption for all applications, data storage and communication for distributing resources like Applications and Over-the-Air (OTA) Firmware updates. All data exchanges are via SSL endpoints using HTTPS. Once data is received by the Platform from our sensors, it is our policy to encrypt it as it passes between our internal services, and to encrypt it when it is at rest.

Can it run offline or does it always need to be connected to the internet?

Yes, it can run offline, but full functionality and support requires Internet access (ethernet or WiFi).

How is data captured stored and sent (and where is it sent)?

The data is stored locally on the device for a predetermined time frame. Updates to the cloud are sent every 15 minutes (approx) from the device to the InReality Cloud platform. Certain information (such as employee database for recognition) can be stored locally for longer for reference purposes.

FAQ

What type of data is collected (“Collected Data”) at the test station?

- Individual’s time and date of test
- Individual’s temperature (optional)
- Individual’s name and employee ID (if it is a registered individual)

How long is data kept on the device and what is sent to the client’s Cloud account?

- The Collected Data, unless specified by client’s policy, is purged on the device at a predefined, user configurable interval (i.e. every hour, day, never).
- The Collected Data, based upon the client’s policy, can be uploaded to the Client’s cloud account and include:
 - Nothing
 - Time date stamp with result and temperature
 - Time date stamp with result and temperature, employee name and ID
- The uploaded data is aggregated and made visible on a dashboard and accessible via API as follows:
 - Test counts are aggregated by Hour
 - Temperature values are averaged and aggregated by Pass / Fail, for each day
 - Results can be summarized by date range, day of week, and hour of day
 - Results can be summarized by individual station, by location, or groups of locations

Can you expand on data security?

- All communication between the test station and InReality’s cloud is through an SSL Secure tunnel with single-sign-on authentication. InReality Thermal Mirror devices use Transport Layer Security (TLS) to provide additional communications privacy and data integrity between applications over the network. The TCP port used is 443 and Protocols are HTTP and HTTPS.
- InReality’s Platform is deployed on Amazon’s Web Services platform and leverages its built-in security features. AWS uses AES 256 Bit encryption for all applications, data storage and communication for distributing resources like Applications. All data exchanges are via SSL endpoints using HTTPS.

Are you using encryption? If so, how? Data at-rest, in-transit or both? What type of encryption do you use?

- All data at rest is managed through Amazon S3-managed keys (SSE-S3)
 - Data-at-rest: encrypted
 - In transit: it is not encrypted, but it is through a SSL/TLS tunnel with authentication.

Tablet Technical Specifications for 7"

Infrared Temperature Monitor	Case Size	50 (L) x 30 (W) x 15 (T) mm 1.9 (L) x 1.18 (W) x 0.6 (T) inches
	Weight	15 g 0.53 oz
	Interface	UART, USB, micro-USB
	Temperature	+/- 0.2°C @ 50 cm 0.36°F @ 19 in
	Ultra-sonic Sensing Distance	2 cm ~ 100 cm 1 in ~ 39 in
	Calibration	Factory calibrated
	Output format <cm, °C >	Distance, temperature
	Alarm	High temperature or proximity alarm
Display	TFT LCD	7" inch configuration
	Number of Pixel	1024 x 600
	Aspect Ratio	16:9 wide
	Touch Panel	5 point touch projected capacitive
	Back-light	LED Side-light type
	Brightness	250 cd/m2
Media Format	Contrast Ratio	700:1
	Video	MKV, TS, FLV, AVI, VOB, MPG, DAT, ASF, RM, MOV, 3GP, MP4, WMV
	Audio	MP2, WMA, WAV, AAC, OGG, ASF
I/O	Picture	JPG, BMP, GIF
	SD card slot	SD card (SDHC Class10 compatible)
	USB	USB 2.0 host type A x1
	Micro USB	Micro USB 2.0 x 1
Speakers	Add-on Module slot	USB 2.0 x 1
	High quality speaker	1W x2
Power	Amplifier	1W x2
	Power requirement	DC 5V±5% input – barrel connector
	Power consumption	1KHz audio playback: ~7.5W max. - Off: 0W
	AC/DC Adapter	AC 100-240Vac, 2A max. 50-60Hz, 5V/1.5A AC/DC Adapter supplied
	LED	ON: Green - Timer standby: Orange - OFF: light off
Ethernet	Switch	Power switch on back
	RJ45	10/100Mbps LAN
Wireless	Wi-Fi	802.11 b/g/n
	Bluetooth	BT4.0
Function Keys	Keys button	+, -, Up, Down, Menu/Enter
Barcode Scanner	Barcode Scanner	2D Barcode scanner (optional)
Hardware Systems	CPU	Cortex-A9, Quad Core, up to 1.6 GHz
	DRAM Memory	2GB DDR3 SDRAM
	Storage Memory	8GB eMMC Flash
	External Memory	SD Card (SDHC Class10 compatible)
	Software / OS	Android 4.4 KitKat
	Flash	Adobe 10.2 supported
General Information	Case design	Body and cover are black ABS & PC
	Dimensions without add-ons	Width: 207mm x Height: 120mm x Depth: 23mm
	Weight without add-ons	450g
	Mounting	VESA 75mmx75mm mounting screw holes
	Clock Battery (for RTC)	Lithium-ion non-rechargeable coin battery
	Storage Temp	-15 -- 65 degrees C
	Working Temp	-10 --50 degrees C
	Storage / Working Humidity	10 – 90% non-condensing
	MTBF	30,000 hours demonstrated
	Warranty	3 years
	Certifications	FCC, CE, & RoHS

Tablet Technical Specifications for 10.1"

Infrared Temperature Monitor	Case Size	50 (L) x 30 (W) x 15 (T) mm 1.9 (L) x 1.18 (W) x 0.6 (T) inches
	Weight	15 g 0.53 oz
	Interface	UART, USB, micro-USB
	Temperature	+/- 0.2°C @ 50 cm 0.36°F @ 19 in
	Ultra-sonic Sensing Distance	2 cm ~ 100 cm 1 in ~ 39 in
	Calibration	Factory calibrated
	Output format <cm,°C >	Distance, temperature
	Alarm	High temperature or proximity alarm
Display	TFT LCD	10.1" inch configuration
	Number of Pixel	1280 RGB (H) x 800(V)
	Aspect Ratio	16:10 wide
	Touch Panel	10 point touch projected capacitive
	Back-light	LED Side-light type
	Brightness	350 cd/m2
	Contrast Ratio	600:1
Media Format	Video	MKV, TS, FLV, AVI, VOB, MPG, DAT, ASF, RM, MOV, 3GP, MP4, WMV
	Audio	MP2, WMA, WAV, AAC, OGG, ASF
	Picture	JPG, BMP, GIF
I/O	SD card slot	SD card (SDHC Class10 compatible)
	USB	USB 2.0 host type A×1
	Micro USB	Micro USB 2.0 × 1
	Add-on Module slot	USB 2.0 x 3
Speakers	High quality speaker	3W ×2
	Amplifier	2.5W x2
Power	Power requirement	DC 12V±5% input – barrel connector
	Power consumption	1KHz audio playback: ~18W max. - Off: 0W
	AC/DC Adapter	AC 100-240Vac, 2A max. 50-60Hz, 12V/2A AC/DC Adapter supplied
	LED	ON: Green - Timer standby: Orange - OFF: light off
	Switch	Power switch on back
Ethernet	RJ45	10/100/1000Mbps LAN
Wireless	Wi-Fi	802.11 a/b/g/n/ac
	Bluetooth	BT4.0
Function Keys	Keys button	+, -, Up, Down, Menu/Enter
Barcode Scanner	Barcode Scanner	2D Barcode scanner (optional)
Hardware Systems	CPU	Cortex-A17, Quad Core, up to 1.8 GHz
	DRAM Memory	2GB DDR3 SDRAM
	Storage Memory	8GB eMMC Flash
	External Memory	SD Card (SDHC Class10 compatible)
	Software / OS	Android 6.0 Marshmallow
General Information	Case design	Body and cover are black ABS & PC
	Dimensions without add-ons	Width: 252mm x Height: 178mm x Depth: 24mm
	Weight without add-ons	595g
	Mounting	VESA 75mmx75mm mounting screw holes
	Clock Battery (for RTC)	Lithium-ion non-rechargeable coin battery
	Storage Temp	-15 -- 65 degrees C
	Working Temp	-10 --50 degrees C
	Storage / Working Humidity	10 – 90% non-condensing
	MTBF	50,000 hours demonstrated
	Warranty	3 years
	Certifications	FCC, CE, & RoHS

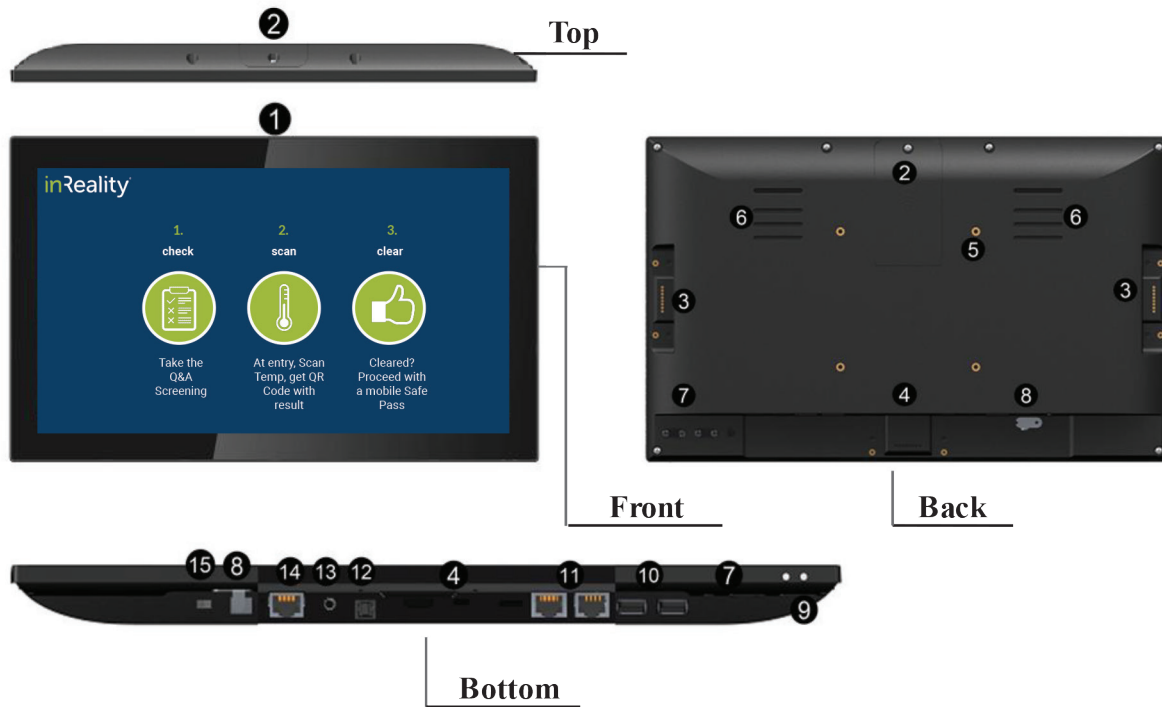
Tablet Technical Specifications for 15.6"

Infrared Temperature Monitor	Case Size	50 (L) x 30 (W) x 15 (T) mm 1.9 (L) x 1.18 (W) x 0.6 (T) inches
	Weight	15 g 0.53 oz
	Interface	UART, USB, mikro-USB
	Temperature	+/- 0.2°C @ 50 cm 0.36°F @ 19 in
	Ultra-sonic Sensing Distance	2 cm ~ 100 cm 1 in ~ 39 in
	Calibration	Factory calibrated
	Output format <cm,°C >	Distance, temperature
	Alarm	High temperature or proximity alarm
Display	TFT LCD	15.6" inch configuration
	Number of Pixel	1920 x 1080
	Aspect Ratio	16:9 wide
	Touch Panel	10 point touch projected capacitive
	Back-light	LED Side-light type
	Brightness	300 cd/m2
	Contrast Ratio	800:1
Media Format	Video	MKV, TS, FLV, AVI, VOB, MPG, DAT, ASF, RM, MOV, 3GP, MP4, WMV
	Audio	MP2, WMA, WAV, AAC, OGG, ASF
	Picture	JPG, BMP, GIF
I/O	SD card slot	SD card (SDHC Class10 compatible)
	USB	USB 2.0 host type A×5
	Micro USB	Micro USB 2.0 × 1
	Add-on Module slot	USB 2.0 x 3
Speakers	High quality speaker	3W ×2
	Amplifier	3W x2
Power	Power requirement	DC 12V±5% input – barrel connector
	Power consumption	1KHz audio playback: ~18W max. - Off: 0W
	AC/DC Adapter	AC 100-240Vac, 2A max. 50-60Hz, 12V/2A AC/DC Adapter supplied
	LED	ON: Green - Timer standby: Orange - OFF: light off
	Switch	Power switch on back
Ethernet	RJ45	10/100/1000Mbps LAN
Wireless	Wi-Fi	802.11 a/b/g/n - Dual Band 2.4 & 5.0 GHzac
	Bluetooth	BT4.0
Function Keys	Keys button	+, -, Up, Down, Menu/Enter
Barcode Scanner	Barcode Scanner	2D Barcode scanner (optional)
Hardware Systems	CPU	Cortex-A17, Quad Core, up to 1.8 GHz
	DRAM Memory	2GB DDR3 SDRAM
	Storage Memory	8GB eMMC Flash
	External Memory	SD Card (SDHC Class10 compatible)
	Software / OS	Android 6.0 Marshmallow
General Information	Case design	Body and cover are black ABS & PC
	Dimensions without add-ons	Width: 387.3mm x Height: 240.3mm x Depth: 26.9mm
	Weight without add-ons	963g (main body only, excluding AC adapter and metal bracket)
	Mounting	100mm x 100mm VESA mounting screw holes
	Clock Battery (for RTC)	Lithium-ion non-rechargeable coin battery
	Storage Temp	-15 -- 65 degrees C
	Working Temp	-10 --50 degrees C
	Storage / Working Humidity	10 – 90% non-condensing
	MTBF	50,000 hours demonstrated
	Warranty	3 years
	Certifications	FCC, CE, & RoHS

Tablet Technical Specifications for 21.5"

Infrared Temperature Monitor	Case Size	50 (L) x 30 (W) x 15 (T) mm 1.9 (L) x 1.18 (W) x 0.6 (T) inches
	Weight	15 g 0.53 oz
	Interface	UART, USB, micro-USB
	Temperature	+/- 0.2°C @ 50 cm 0.36°F @ 19 in
	Ultra-sonic Sensing Distance	2 cm ~ 100 cm 1 in ~ 39 in
	Calibration	Factory calibrated
	Output format <cm, °C >	Distance, temperature
	Alarm	High temperature or proximity alarm
Display	TFT LCD	21.5" inch configuration
	Number of Pixel	1920 x 1080
	Aspect Ratio	16:9 wide
	Touch Panel	10 point touch projected capacitive
	Back-light	LED Side-light type
	Brightness	250 cd/m2
	Contrast Ratio	3000:1
Media Format	Video	MKV, TS, FLV, AVI, VOB, MPG, DAT, ASF, RM, MOV, 3GP, MP4, WMV
	Audio	MP2, WMA, WAV, AAC, OGG, ASF
	Picture	JPG, BMP, GIF
I/O	USB x2	USB 2.0 host type A×5
	Ethernet Port x2	USB 2.0RJ45 Communication Port host type A×5
	Micro USB	Micro USB 2.0 × 1
Speakers	High quality speaker	3W ×2
	Amplifier	3W x2
Power	Power requirement	DC 12V±5% input – barrel connector
	Power consumption	1KHz audio playback: ~18W max. - Off: 0W
	AC/DC Adapter	AC 100-240Vac, 1.5A max. 50-60Hz, 12V/1.5A AC/DC Adapter supplied
	LED	ON: Green - Timer standby: Orange - OFF: light off
	Switch	Power switch on back
Ethernet	RJ45	10/100/1000Mbps LAN
Wireless	Wi-Fi	802.11 a/b/g/n/ac Dual Band 2.4 and 5.0 GHz
	Bluetooth	BT4.0
Function Keys	Keys button	+, -, Up, Down, Menu/Enter
Barcode Scanner	Barcode Scanner	2D Barcode scanner (optional)
Hardware Systems	CPU	Cortex-A17, Quad Core, up to 1.8 GHz
	DRAM Memory	2GB DDR3 SDRAM
	Storage Memory	8GB eMMC Flash
	External Memory	SD Card (SDHC Class10 compatible)
	Software / OS	Android 6.0 Marshmallow
General Information	Case design	Body and cover are black ABS & PC
	Dimensions without add-ons	Width: 536.6mm x Height: 330.2mm x Depth: 44.5mm
	Weight without add-ons	4,250g (main body only, excluding AC adapter and metal bracket)
	Mounting	100mm x 100mm VESA mounting screw holes
	Clock Battery (for RTC)	Lithium-ion non-rechargeable coin battery
	Storage Temp	-15 -- 65 degrees C
	Working Temp	-10 --50 degrees C
	Storage / Working Humidity	10 – 90% non-condensing
	MTBF	50,000 hours demonstrated
	Warranty	3 years
	Certifications	FCC, CE, & RoHS

Mechanical Design of 7", 10.1", 15.6" & 21.5"



1. **Camera (optional):** 2M pixels camera
2. **SD Card Slot / Cover:** support external SD card
3. **Add-on module slot:** to put optional add-on module
4. **Micro-USB Port:** support Micro-USB 2.0
5. **VESA Mount Holes:** for installing the bracket
6. **Speakers:** audio output
7. **Function Keys (Vol+ / Vol- / Up / Down / Exit)**
8. **AC/DC In Jack:** powered by 12V/3A AC/DC input
9. **IR Receiver & LED Indicator**

IR Receiver: support remote control

LED Indicator:

Power supply ON	Red then turn Green after kernel boot up.
Power supply OFF	LED light off.

10. **USB Port x 2:** support USB 2.0 Host type A
11. **RS232 Port x 2:** in RJ45 connector form
12. **S/PDIF Port:** support S/PDIF audio output
13. **Headset + Microphone Jack**
14. **10/100Mbps RJ45 Ethernet Port:** support Ethernet connection
15. **Power Switch:** switch power ON/OFF

Recommendations

Overall, InReality does not have more specific requirements for Customer's on-site networks other than making sure the Ports, IP addresses and URLs listed below are accessible to the InReality solutions deployed on-site.

InReality highly recommends that customers have stable, high speed internet access (typically at least 2-5 MB/s upload and download speeds) in order to support all aspects of the InReality solution (communication with InReality's cloud systems, upload & update of content and applications, and any required technical support). If customers use WiFi access points, it is recommended that the devices are managed via an enterprise system that will allow for uninterrupted connectivity leases by the InReality devices.

Network and Application Protocol

Network Protocol

Application Protocol

Protocols and Network Ports to be whitelisted

#	Description	Details	Notes
1	Network Protocol	TCP Port : 443	Required
2	Application Protocol	HTTPS, WSS	Required
3	Network Time Protocol	NTP Port : 123	Required for Thermal Mirror 2.x versions and Q&A screener

InReality Software Services

InReality V3 Platform - URLs to be Whitelisted

This is a list of the required URLs to be whitelisted for the InReality applications.

Option 1: Note: Requires the new DMS and CDMS2 APKs (v2.x.x) - Current versions:

- dms_client_android_v2.0.0_r.apk
- cdms2-client-android-studio_v2.0.0_r.apk

You can whitelist the wildcard URL of inreality.com and the AWS service URLs.

#	Description	URL	Connection	Notes
1	inReality Platform	*.inreality.com	Outbound (HTTPS)	Required for all the IR platform software services.
2	Data Lake Authentication - event logs storage	sts.amazonaws.com	Outbound (HTTPS)	Required for all Android and Linux devices for uploading event logs.
3	Datasources (Sensor) event logs storage - Data Lake	firehose.us-west-2.amazonaws.com	Outbound (HTTPS)	Required for all Android and Linux devices for uploading event logs.
4	Network Time Protocol <i>NOTE: If NTP fails it will try the next one in the list as shown in the URL column.</i>	*.inreality.com	Outbound (NTP)	Required for Thermal Mirror 2.X devices Required for QA screener and All-in-one devices



We believe in touchscreens with human touch.

We believe the world should be more interactive, and provide you with the best user experience possible.

We believe in listening to our customers because we know that the best hardware is made through collaboration.

These core beliefs drive everything that we do here at Mimo Monitors.

Small Touchscreens. Flexible Innovation. Human Connection.

PROUDLY TRUSTED BY



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