

The top of the page features a decorative header. On the left, there is a cluster of overlapping, semi-transparent squares in various shades of blue and teal. To the right, a grayscale photograph shows a modern building's glass facade. A vertical thermal mirror is mounted on the glass, displaying a woman's face. The text 'CreativeRealities' is overlaid on the blue squares, with 'Creative' in white and 'Realities' in a light blue color, followed by a small white square icon.

CreativeRealities 

Thermal Mirror Specifications Sheet

Please contact us at clientexperience@cri.com
or: 1-888-323-3633 at any time.

Display	<ul style="list-style-type: none"> • 8-inch, LCD IPS Display (Non-touch), Screen resolution: 800 x 1280
Processor	<ul style="list-style-type: none"> • ARM Quad Core, A17 1.8 GHz
Memory	<ul style="list-style-type: none"> • DDR 2GB, eMMC Flash 8GB
Camera	<ul style="list-style-type: none"> • Dual lens Stereo camera • 2 Megapixels, Auto White Balance • Dual IR sensor • Focus Distance: 1.6 ~ 4.9ft (Auto)
Thermal Image Sensor	<ul style="list-style-type: none"> • Optimal distance: 1.6 ~ 3ft • 32 x 32 Pixels • Accuracy: +/- 0.9°F • Field of view: 89.6 degree • Temperature Measurement Range: 50°F ~ 107.6°F
Features	<ul style="list-style-type: none"> • Face Library: Max. 30,000 individuals • Employee Validation • Visitor Mode (Configurable) • Mask Mode (Configurable) • Alarms: Unknown Visitor, No Mask, High Temperature • Stand Alone (Non-network) Use: Supported
Performance	<ul style="list-style-type: none"> • 1:1 Face Recognition Accuracy: 99%+ • Recognition Speed: 1 sec or less • Temperature Measurement Speed: 1-2 sec
Operating System	<ul style="list-style-type: none"> • Android 7.1 Nougat
Optimal Operating Temperature	<ul style="list-style-type: none"> • 65°F to 78°F
Ports and Interfaces	<ul style="list-style-type: none"> • 1 x USB 2.0 • Serial: RS232 • Relay: Door Open Signal • Wiegand: 26/34 Input/output
Audio	<ul style="list-style-type: none"> • 2.5W rear speakers
Connectivity	<ul style="list-style-type: none"> • RJ45 1000M Ethernet Interface, Built-in Wi-Fi
Physical Dimension	<ul style="list-style-type: none"> • Overall: 11.8" H x 5.25" W x 0.9" D • Pole Mount: Adds 3.5" D & 2.7" H • Weight: 2.5 lbs.
Power Supply	<ul style="list-style-type: none"> • DC 12V adapter, PoE+, Power Consumption: 13.5W
Mounting	<ul style="list-style-type: none"> • Gate/Counter: From pole, using locking nut • Wall: Using adapter • Floor: Using adapter
Certifications	<ul style="list-style-type: none"> • FCC, CE, UL Power

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Protocols and Network Ports to be Whitelisted

Overall, CRI does not have exhaustive requirements for customer's on-site networks, other than what is contained in the sections below.

CRI HIGHLY recommends that customers have HIGH SPEED internet access (typically at least 2-5 MB/s upload and download speeds) to support all aspects of the solution, including communications with CRI's cloud systems, upload/update of content and applications.

#	Description	Details
1	Network Protocol	TCP Port: 443, 8443, 8883
2	Application Protocol	HTTPS, WSS, MQTT
3	For Remote Desktop Only Network Protocol	UDP Port range: 30000 - 60000
4	Network Time Protocol	NTP

V3 Platform – URLs to be Whitelisted

#	Description	URL	Connection
1	V3 Platform – Web App	https://app.inreality.com	Outbound (HTTPS)
2	Single-Sign-On Service	https://login.inreality.com	Outbound (HTTPS)
3	Device Management and Communication Service	arOulo4886r9o-ats.iot.us-west-2.amazonaws.com	Inbound Outbound (MQTT-8883)
4	Data Lake Authentication – event logs storage	sts.amazonaws.com	Outbound (HTTPS)

5	Datasources (Sensor) event logs storage - Data Lake	firehose.us-west-2.amazonaws.com	Outbound (HTTPS)
6	Device Manager (MDM)	https://cdms.cenique.com	Outbound (HTTPS)
7	Device Manager (MDM) - Communication	wss://cdms.cenique.com	Outbound (WSS)
8	Cloud Storage for Files - Device Manager (MDM)	https://cenique-cdms.s3.amazonaws.com/ https://cenique-firmware-ota.s3.amazonaws.com	Outbound (HTTPS)
9	Content Delivery Network (CDN)- Files Distribution - Device Manager	https://d1zo4aroye8xv6.cloudfront.net/	Outbound (HTTPS)
10	Content Delivery Network (CDN) for Files Distribution - Device Manager V3	https://d1j3tgdh3kv1nn.cloudfront.net/	Outbound (HTTPS)
11	Responsive Content Editor (CMS) - Web App	https://cms.inreality.com	Outbound (HTTPS)
12	Responsive Content Editor (CMS) Web App - Media assets Cloud storage.	https://cdsp-prod.s3-us-west-2.amazonaws.com/	Outbound (HTTPS)
13	Network Time Protocol	time.google.com	Outbound (NTP)

V3 Platform – IP Addresses to be Whitelisted

#	Description	IP Address	Connection
1	V3 Platform	54.201.54.114	Outbound
2	SSO Server	54.218.249.230	Outbound

V3 Platform – Ports to be Whitelisted

#	Description	IP Address	Port Range	Connection
1	Device Manager (CDMS2) – Remote Desktop	IP of the device (Android/Linux)	30000 - 60000	Inbound Outbound

Q&A Screener - URL's to be Whitelisted

#	Description	IP Address
1	Network Protocol	TCP – Port: 443
2	URLs:	dialogflow.googleapis.com googleapis.l.google.com iam.googleapis.com accounts.google.com oauth2.googleapis.com storage.googleapis.com googleapis.com

Q&A Screener - EloView Network Requirements

For Q&A Screener installations that include an EloView product please contact our support team by email: support@cri.com or by phone: 1-888-369-3629.