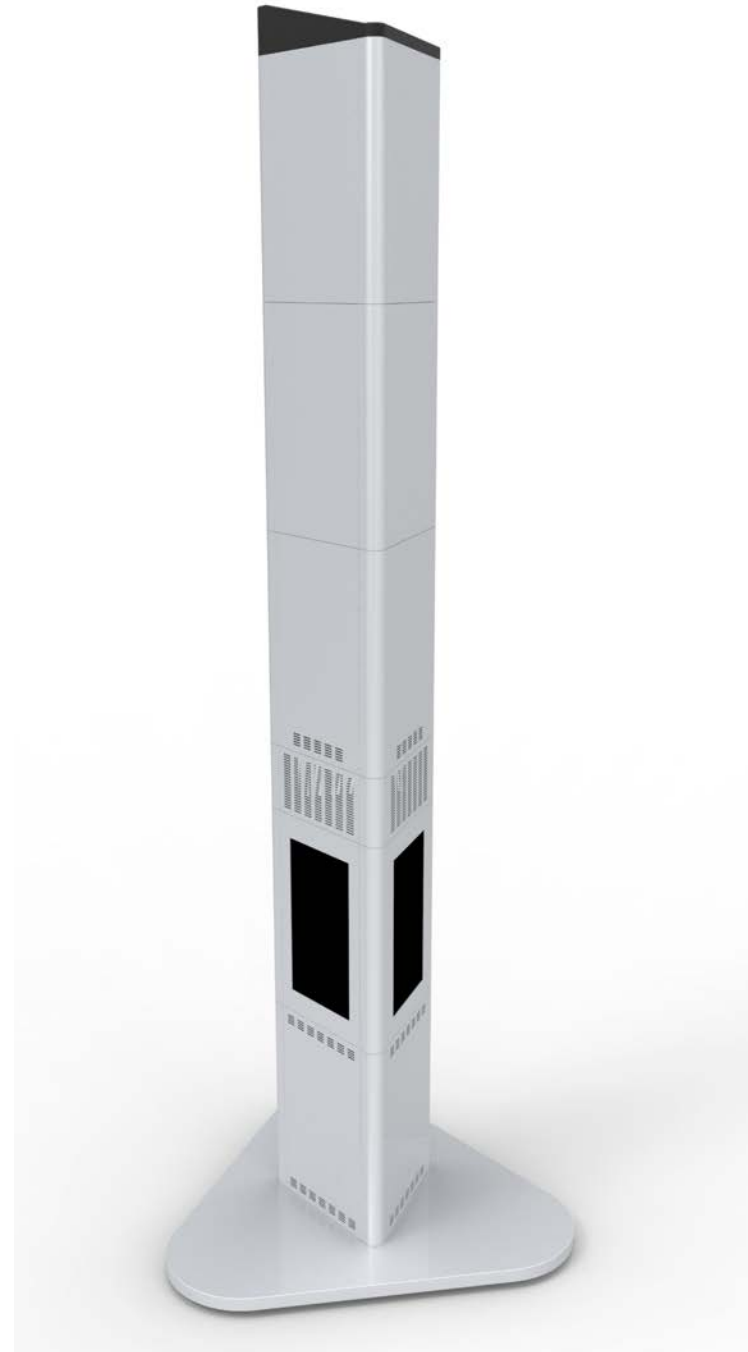




# NANOV 5G MEDIA TOWER

5G ANTENNAS FOR URBAN SPACES  
AND COMMERCIAL BUILDINGS

[WWW.NANOV.INFO](http://WWW.NANOV.INFO)





# Introducing Nanov's 50ft 5G Media Tower



# STRENGTH WITH *STYLE*.

DESIGNED WITH A *SWING-OPEN*  
ENCLOSURE FOR INSTANT ACCESS.

Ask about our designs and dimensions.

# Easy maintenance access.



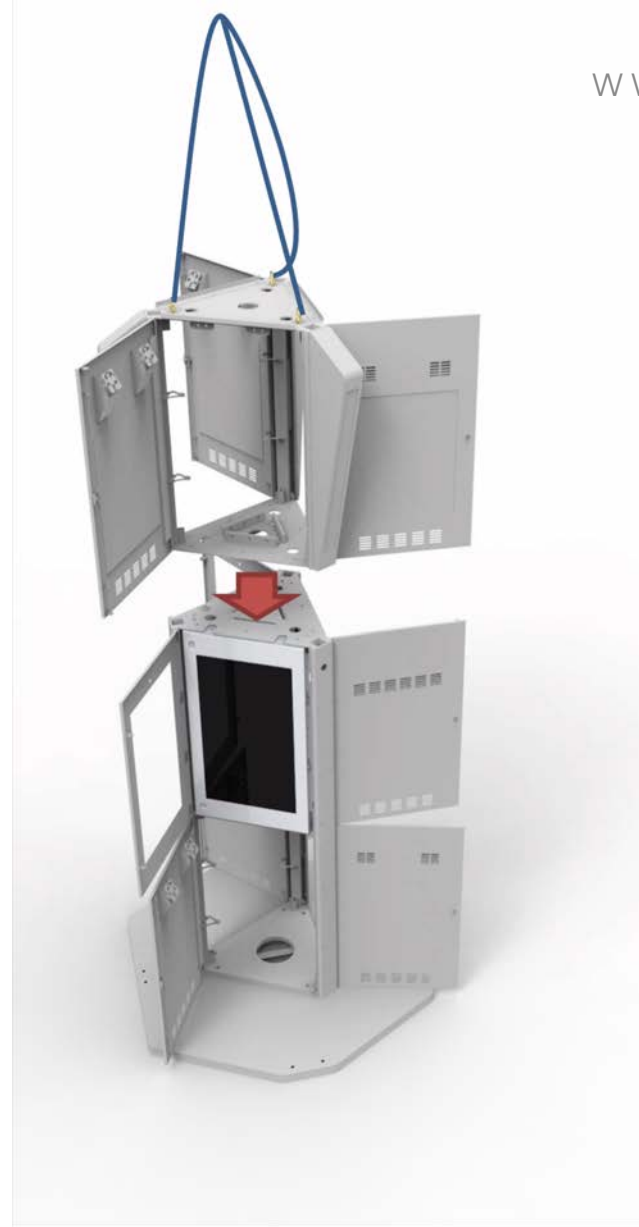
Ask about our installation and dimensions manual.

# Open structures for repair.



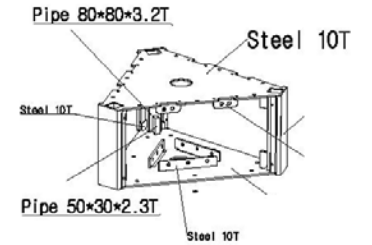
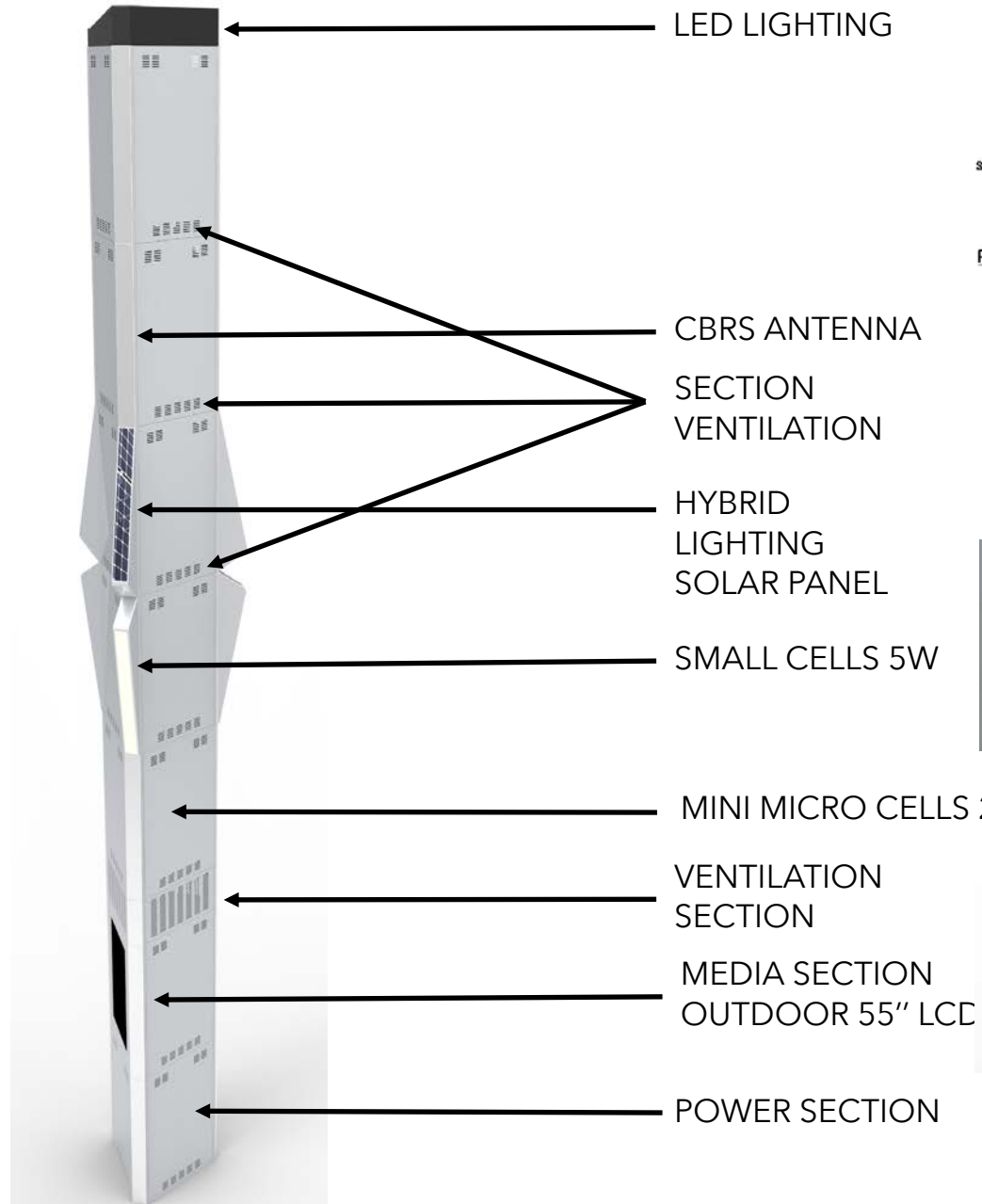
Swing Open (Left), Top view (Right)

# Solid installations.



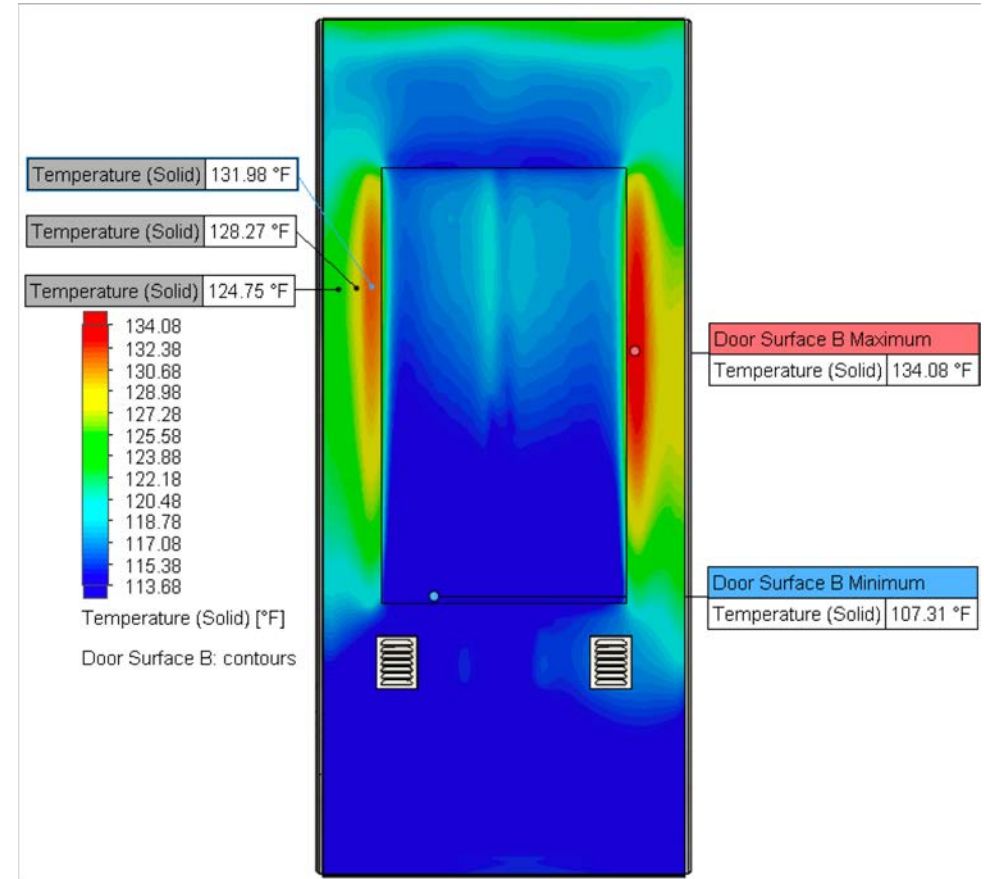
3-5 tier installation process.

# Triangle Aesthetic Design



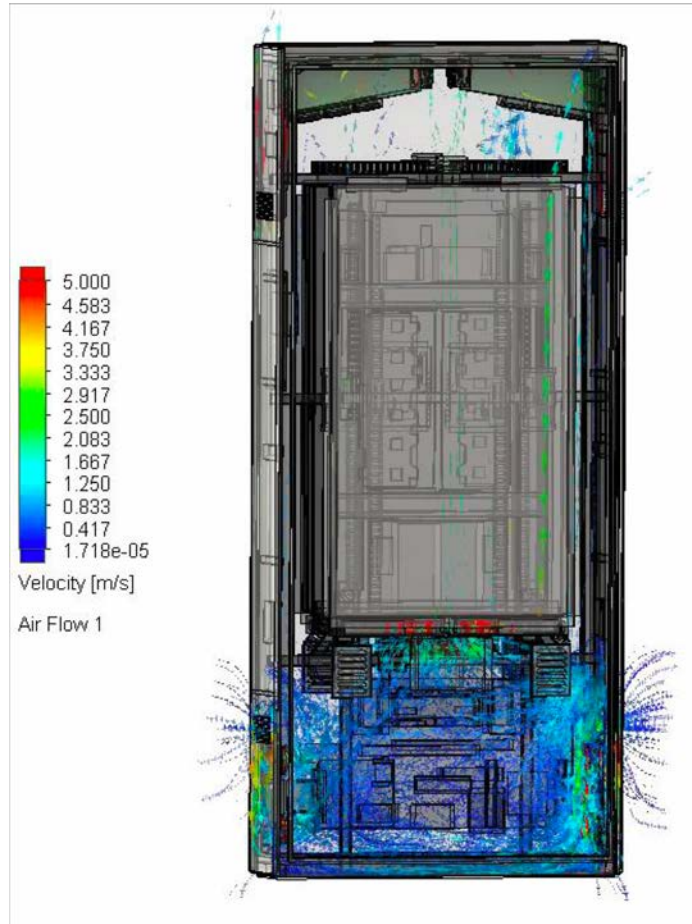
# Engineered to keep *cool*.

NANOV OUTDOOR THERMAL  
VENTILATION SYSTEM (PATENT PENDING)



Ask for our thermal studies research.





# Controlled internal air flow velocity

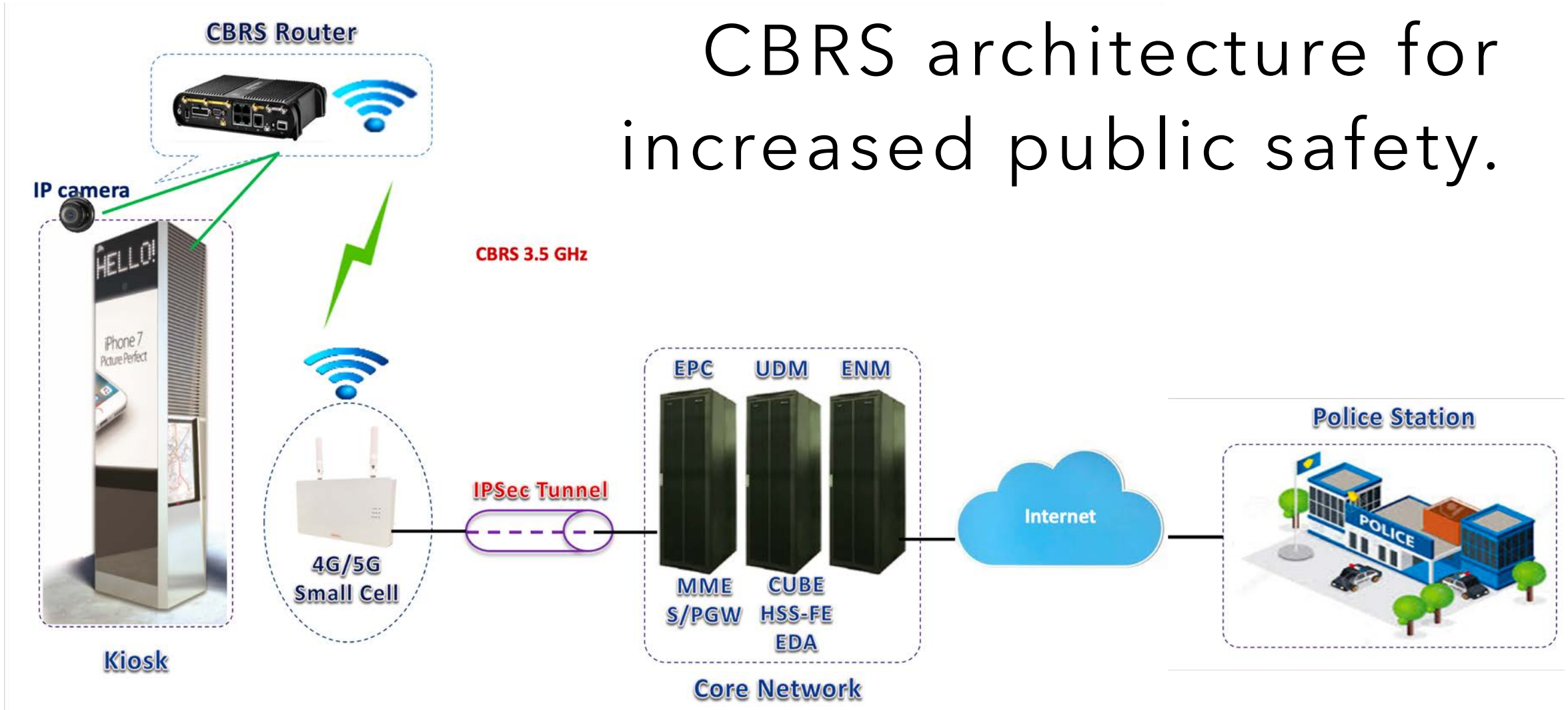
500 KIOSKS TESTED ACROSS DALLAS METROPLEX

- Customer: Dallas Area Rapid Transit (DART)
- Reference date: July 30, 2019
- Solar radiation: 710w/m<sup>2</sup>
- Backlight maximum heat: 481w

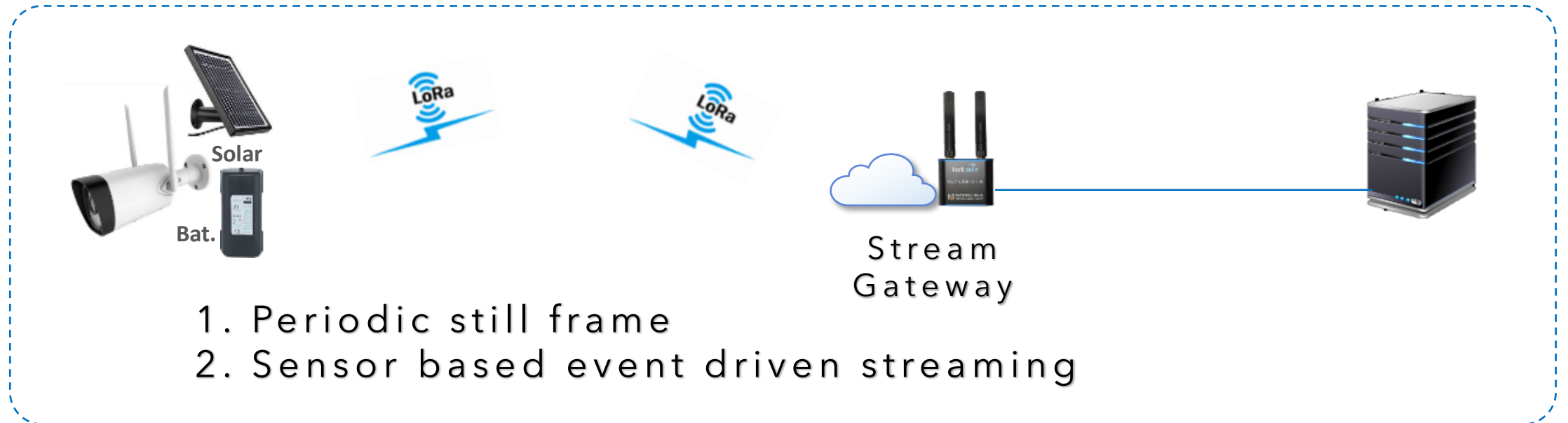
# Optimized for 5G connectivity.

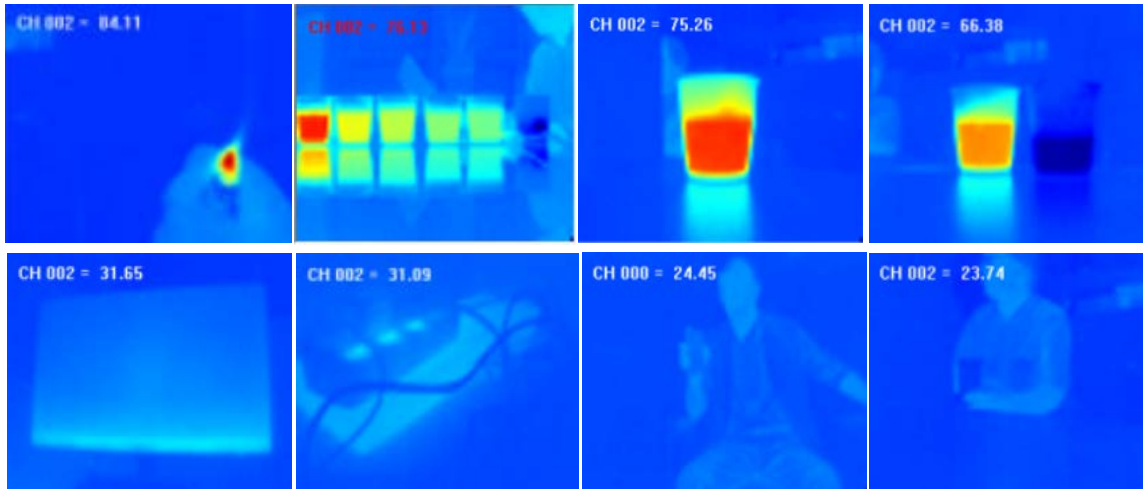


# CBRS architecture for increased public safety.



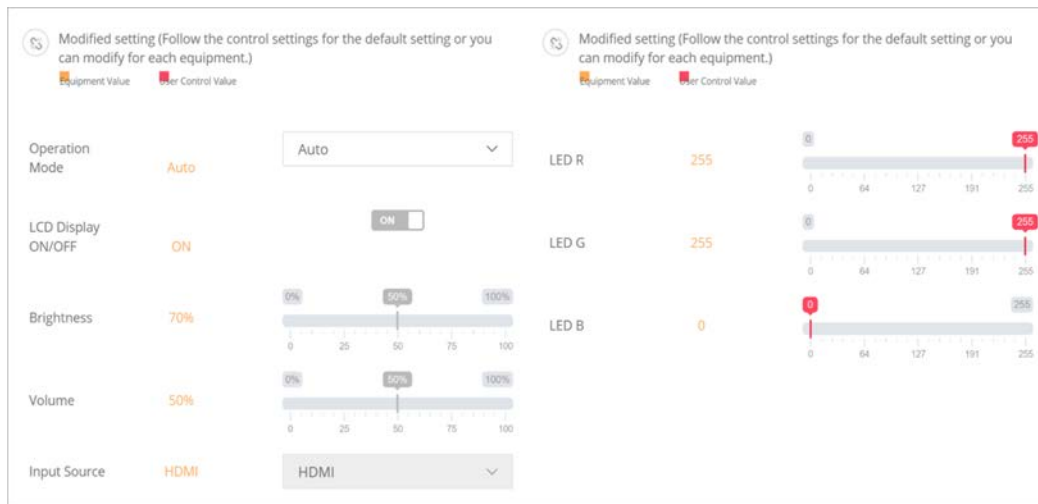
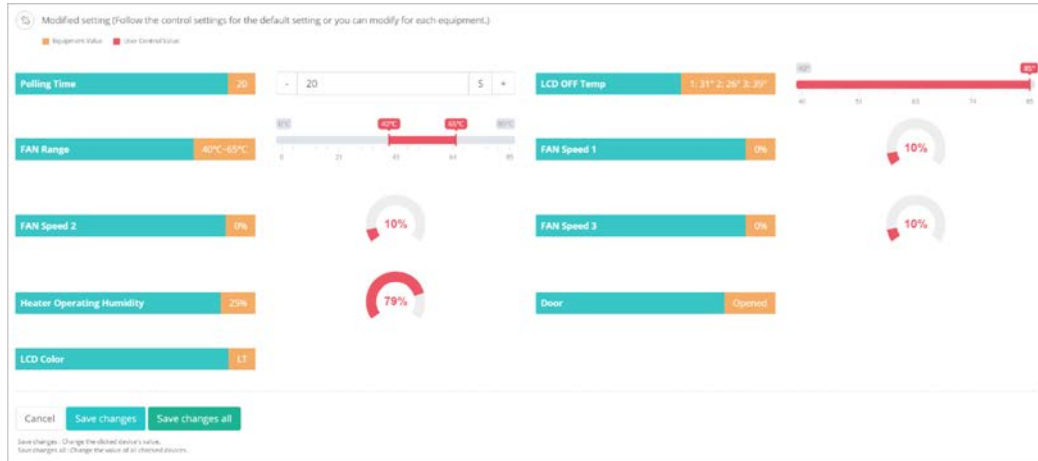
# Battery Camera Streaming





# LORA Security

Functional Specification	
Sensor	CMOS. Type 1/2.9. 2M Pixels.
Codec	H.264
Wireless	2.4 GHz / 900 MHz
Distance	6Km
Streaming	VGA / HD / FHD (2019/4Q)
Working Temp.	-45°C ~ 85°C
Motion Detection	Support (Max 24)
IP Code	IP66
Dimension	200mm x100mm x100mm
FOV-H	124°
Min. Illumination	0.1 Lux
WDR / HDR / 3DNR	Support
White Balance	Support



# Access and monitor from a distance.

RESET FROM HOME. SAVE REPAIR COSTS.

- Auto-ping for failed connection detection.
- Power sequence scheduling for content detection before displaying visuals.
- Easily add and remove kiosks.
- Automatic reboots.
- Remote messaging.
- Two-way database interface.

# Features

- Revenue generation through advertisement
- Lease radio pole to carriers ( AT&T, Verizon, Telco, Rogers, Spectrum )
- Integrated Data / Video / Audio platform to provide communication to users
- Integrated HD cameras provide high level of security - 360° IP Cameras
- Real time transit information
- Triangle shape structure studied poles - 20 ft, 33 ft and 50ft
- Two-way video/audio push-to-talk communication to emergency services agent
- Floor mounted, rugged for vandal resistant IP65 weather resistant with integrated HVAC ( Heater, Ventilation, Air-circulation system )
- UL 48 certified outdoor
- LCD dynamic signs
- UL 879 certified controller, remote HMB Weatherproof speakers and RFID reader
- Integrated 4G / 5G LTE modem, Small Cell, Mini Micro Cell and managed switcher
- Environment control IoT sensors - Temperature, Humidity, Ambience, Pixel

# Nanov's durability is experienced everywhere.

ENGINEERED FOR THE MOST EXTREME CLIMATES  
IN BOTH URBAN AND REMOTE LOCATIONS

## Waterproof

- IP67
- IP65
- UL 48
- UL 879

## Tamper-Proof

Protection against vandals.

## Extreme Climates

- 40C+ Heat
- Sub-zero freezing
- Salt erosion
- Underground tremors
- High winds



# Everything we do is built to last.

Incorporated in 1999, Nanov Display Inc. is a developer and manufacturer of LCD signs for indoor and outdoor kiosks. Nanov's displays are specially designed to withstand the challenges of any climate. The company has since grown to be a globally-recognized outdoor media and transit LCD hardware manufacturer for Public Information Displays, VMS and Smart cities Kiosks with products placed in commercial, military, and transit settings around the world. Nanov Display, Inc. is an MBE in the state of Florida, as well as in Canada.



T-Bane, Transit, Oslo, Norway

# The future is 5G, and it's all about connecting the outdoors.

Mariott Hudson's Bay Center, Yonge, Canada

Hilton Head International Airport

Dallas Area Rapid Transit (DART)





# Enable 5G access on your property.

CONTACT NANOV AT  
[SALES@NANOVDISPLAY.COM](mailto:SALES@NANOVDISPLAY.COM)