

The purpose of RCN Technology Demo Vehicle is to showcase RCN's top tier Public Safety Solutions. We have partnered with multiple industry leaders to provide the public sector with the best In-Vehicle technology solutions on the market today. From the Arbitrator 360-degree camera systems, to Gamber Johnson mounts for your Brother printer, RCN can equip your fleet with everything you need. RCN is also a certified Panasonic Arbitrator Integrator.

COMPANY

PRODUCT & FEATURES

PURPOSE

Panasonic

LAPTOP
Panasonic Toughbook (CF-20)



Accessing Data

Microsoft Azure

CLOUD MONITORING
Microsoft Azure



Data Storage & Security

cradlepoint

4G LTE ROUTER
IBR1700 MA1-170F600M-XFA
MC400LP6



Connectivity & Security

brother

PRINTERS
Brother Pocket Mobile Workforce KIT
Brother RuggedJet 4



Document Issuing

GAMBER JOHNSON

MOUNTS
Dodge Charger No Drill Vehicle Base
13 (in) Lower Pole Assembly
7 (in) Center Upper Pole
9 (in) Lock Slide Arm
Support Brace
Dodge Charger Upper Truck Shelf
Dodge Charger Lower Truck Shelf



Equipment Placement

Arbitrator HD
MOBILE EVIDENCE CAPTURE SYSTEM

CAMERAS
Arbitrator Video Processing Unit
Arbitrator Side Camera
Arbitrator Front Viewing Camera
Arbitrator Back Seat Camera
Arbitrator Microphones
Arbitrator Body Worn Cameras



Documenting Evidence



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Documenting Evidence





Support Brace

- Heavy gauge steel construction for long-term durability
- Designed for ease of installation
- Telescoping design allows for precise length adjustment without drilling into the pole
- Includes durable aluminum pole clamp that prevents catch points
- Increases the mounting system rigidity in rugged driving environments



7 (in) Center Upper Pole

- Heavy gauge steel construction for long-term durability
- Black powdercoat finish for maximum corrosion resistance
- Allows for closer mounting to the dash when off-set adjustability is not needed
- Less stress on the vehicle mounting equipment as gravity is centered on the pole
- Wrench is needed for loosening, tightening and height adjustments
- Limited Lifetime Warranty



Dodge Charger No Drill Vehicle Base

- Heavy gauge steel construction for long-term durability
- Black powdercoat finish for maximum corrosion resistance
- No drill base will work with both the police and street model Vehicles
- Can be used with factory installed console



13 (in) Lower Pole Assembly

- Heavy gauge steel construction for long-term durability
- Black powdercoat finish for maximum corrosion resistance
- Hardware for attaching to MCS Top Plate included
- Weighs 2.65 lbs. / 1.20 kg



9 (in) Lock Slide Arm

- Heavy duty, spring loaded steel, side pin was tested to 50,000+ cycles
- Can be mounted directly to a flat surface or on any Upper Pole, Complete Pole, Center Pole, Low Profile Bracket or Smiley Face Pattern
- Heavy gauge steel construction for long-term durability
- Black powdercoat finish for maximum corrosion resistance
- Limited Lifetime Warranty



Dodge Charger Upper Truck Shelf

- Strong, lightweight aluminum alloy
- Rugged construction for long term durability
- Upper tray slides on heavy-duty ball bearing slides and can latch securely in the closed and open position
- Available mounting space 37.75" W x 18.5" D (95.9 cm x 47.0 cm)
- Black powdercoat finish for maximum corrosion resistance



Dodge Charger Lower Truck Shelf

- Strong, lightweight aluminum alloy
- Rugged construction for long term durability
- Lower tray slides on heavy-duty ball bearing slides and can latch securely in the closed and open position
- Black powdercoat finish for maximum corrosion resistance





PRODUCT & FEATURES



**IBR1700 MA1-170F600M-XFA
MC400LP6**

4G LTE ROUTER

- **World's first LTE mobile router with three-carrier aggregation for best-in-class performance**
- **Embedded LTE Advanced 600 Mbps modem**
- **Field-upgradable with 2nd modem (second wireless carrier) for continuous connectivity**
- **Precision GPS with dead-reckoning enables location-based applications**
- **OBD-II support with accessory cable for vehicle health and diagnostics reporting**
- **Extensibility with GPIOs, Router SDK, NCM API for custom solutions and more**





PRODUCT & FEATURES

Brother Pocket Mobile Workforce KIT

- PocketJet 7 773-WK
 - Direct Thermal Printing Technology
 - Max Resolution: 300 dpi
 - Print Speed: 8 ppm
 - Max Print Size: 8.5" x 18
- AC Power Supply
- Cigarette Lighter Adapter
- Li-Ion Battery
- 4' USB Cable
- Premium Supplies (Fanfolded Paper)
- Rollup Case
- Special Configuration



brother®

Brother RuggedJet 4

- Up to 5" per second print speed
- Up to 203dpi resolution
- IP54 certification for dust and moisture
- 6 ft. drop protection
- Prints receipts and labels from 2" to 4" wide from convenient drop-in
- Resident fonts included
- USB 2.0, Serial and Wi-Fi® (802.11b/g/n) interfaces
- Windows®, iOS®, Android™, and AirPrint™ compatibility
- Optional magnetic card reader available
- Other optional accessories: extra batteries, shoulder strap, belt clip, vehicle mount, in-vehicle DC adapter, 4-bay battery charger, and more





Arbitrator HD

360° FULL
MOBILE EVIDENCE CAPTURE SYSTEM

PRODUCT & FEATURES

Arbitrator Video Processing Unit

- 360-degree recording: supports up to five cameras simultaneously
- 2 x 1GbE port for PC/upload and five Power-over-Ethernet
- Secure storage: supports up to two large-capacity removable
- Programmable automatic recording trigger function



Arbitrator Side Camera

- Wide-angle views: 180° horizontal; 120° Vertical
- HD Resolution: 720p
- Low-light capabilities: 1.5lx (color), 1.0 lx (B/W) with day and night functions
- Automatic Wide Dynamic Range for high-contrast images



Arbitrator Front Viewing Camera

- Full HD, 1080p, high-quality video evidence captures
- Unparalleled 360-degree recording and viewing
- Low-light technology for viewing in darkness
- Industry-leading, 65-degree, wide-angle lens and up to 360X zoom for maximum field of view
- SafeServ™ software is compatible with previous Arbitrator models and the Panasonic wearable camera



Arbitrator Back Seat Camera

- HD resolution: 720p
- Wide-angle views: horizontal, 150 degrees; vertical, 93 degrees
- Illumination sensor automatically engages infrared LED in B/W mode
- Low-light capabilities: 1.5 lx (color), 0.0 lx (B/W, with IR-LED)



Arbitrator Microphones

- Frequency bandwidth pf 902MHz – 928 MHz ISM band
- Improved communication range of 5000 feet (in open field)
- 12 hours of talk time
- Remotely control any connected volt device in the vehicle



Arbitrator Body Worn Cameras

- Long range battery life
- Rugged IP67 water and dust resistant.
- MIL-STD-810G Architecture
- 16:9 & 4:3 aspect ration
- 1080/720/360p resolution





PRODUCT & FEATURES

Panasonic

Panasonic Toughbook (CF-20)

- Windows® 10 Pro or Windows 7 Professional downgrade
- 2-in-1 that easily detaches with just one hand to become a 10.1" tablet
- Sunlight-viewable 800 nit display works with or without gloves
- Integrated 2nd battery, CAC SmartCard, barcode, finger print, serial options and more
- Built-in handle also functions as a kickstand

