

# QDB WHITE PAPER

## QUICK DEPLOYMENT BARRICADES

- Instantly protect the public from hazards, crime scenes and safety risks
- Better ensure the safety of first responders
- Immediately create an authoritative, legal barrier
- Allow law enforcement, fire and public safety personnel to focus on their jobs
- Minimize trucking, maintenance and resource costs



The responsibility of law enforcement, fire departments, campus security and city services to keep the public and its employees safe has never been more pressing.

The importance of acting quickly has long been a focus in officer training. Having the proper tactical tools to accomplish this must be at the forefront of all departments.

**Barriers have often been the first line of defense to warn, contain and gain control of situations. While traditional barricades fulfill their purpose for non-urgent situations, there exists the need for a barricade that is more practical for instant deployment.**

These barriers should be:

- **Substantial enough to deter the public**
- **Clear enough to communicate authority**
- **Portable enough to store compactly in a vehicle**



FULLY DEPLOYED QDB  
INTERLOCKED LINE



"QDBs are going to  
save lives... it's that simple."

Homeland Security  
Commander,  
Virginia

Heavier barricade types typically require advanced planning, as they are often stored at a central warehouse and require large flatbeds or specialized vehicles to transport. They are typically staffed with a significant crew (Barricade Detail), requiring overtime hours to deploy.



COLLAPSED QDB,  
READY FOR STORAGE

Waiting for central warehouses to deliver heavy barricades can be an hours-long waiting game. This leaves officials at the mercy of situations and unable to turn their focus to the real tasks at hand. These situations not only cost time and money but in some cases put people and property at risk.

**Enter a new generation of innovative, instantly deployable, portable, and authoritative tactical barricades that meet or exceed regulations and guidelines for use.**



FULLY DEPLOYED QDB  
INTERLOCKED LINE

"These fill a real gap in our current arsenal of tactical tools! Well done!"

Police Lieutenant,  
New York



## What is a QDB Tactical Barricade?

QDBs, or Quick Deployment Barricades, are an important innovation in tactical support equipment, designed to fill a gap in the available crowd control toolbox.



RETRACTA-CADE® QDBs  
FROM VISIONTRON

QDBs are portable, quick to set up by a single person and retract to small, storable sizes. These allow every vehicle and station to have units immediately available. QDB units are extremely durable, heavy-duty barricades that require minimal maintenance. Changeable signage on the QDBs create a legal barrier with proper communication of purpose and authority that is missing from many traditional barricades.

Police, Fire and Federal agencies have all begun adopting these units. Highly-effective QDBs fold down, allowing multiple barricades to be stored in vehicles. When deployed, they create a full blockade and may interlock to create extended barrier lines. While easily lifted, the units, are extremely stable and are resistant to situational and environmental forces.

## QDB:

CROWD CONTROL WHERE AND WHEN YOU NEED IT.

- **Enable and empower personnel to act swiftly in emergencies**
- **Immediate security:** barriers deploy in under 30 seconds
- **Retracts easily:** for compact storage and transportation
- **Heavy duty barrier:** yet still light enough to carry
- **Reduce costs:** saves on labor, warehousing and transportation

**BARRIER  
DEPLOYS IN  
UNDER 30  
SECONDS!**



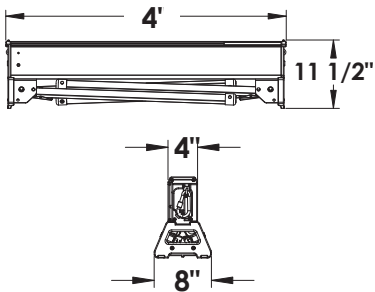


OPTIONAL  
HIGH-VISIBILITY  
FLASHING LIGHTS ADD  
SAFETY AND AUTHORITY

**DANGER**

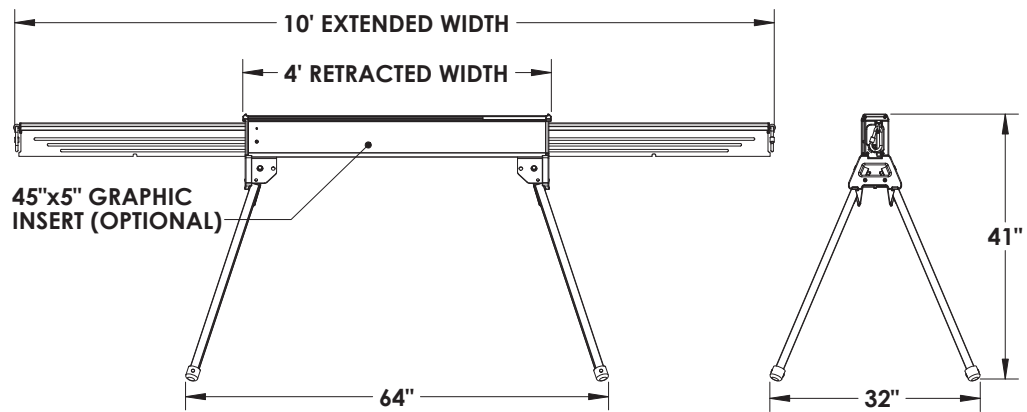
"It's also good for notification. For example you can have signs in them that say, 'FIRE DEPARTMENT DRILL' so people don't think there's a true emergency or accident."

Fire Chief,  
New York



"These are brilliant! We had no hesitation in ordering these for our district."

Homeland Security  
Commander,  
Illinois



"You don't need a lot of room to store them."

"You don't need a lot of room to store them."

Police Commander,  
Colorado

**POLICE LINE-DO NOT CROSS**



"They're very versatile – you can use them to block off the entrance to a shopping center, close an intersection, divert traffic; there's a multitude of uses."

Fire Chief,  
New York

## Comparison of Tactical Barricades:

### STEEL BARRICADES

aka "Bicycle," "French" or "Sunshine" barricades

**PROS:** Heavy, intimidating, largely impenetrable.

**CONS:** Requires significant maintenance (rust removal, coating, re-welding). Generally stored at central warehouses, requiring large, flatbed trucks and large crews to deploy.

**BEST USE:** Large volume crowd control, with good, long-range planning. These offer moderate authority due to lack of color or signage relevant to agency or specific use.



### WOODEN BARRICADES

aka "Sawhorse" barricades

**PROS:** Heavy, intimidating.

**CONS:** Short lifespan due to splintered or deteriorated wood. Significant maintenance of painting and re-constructing legs. Generally stored at central warehouses, requiring large, flatbed trucks and large crews to deploy.

**BEST USE:** Medium volume crowd control, with good, long-range planning. These offer moderate authority due to lack of signage relevant to specific use.



### PLASTIC CONES

**PROS:** Light, easy to move and place.

**CONS:** Lower visibility, often confusing some drivers and not respected by others, resulting in cones being knocked over, run over and abused. These offer low perceived authority and generally lack authoritative identification signage. Short lifespan with inability to repair.

**BEST USE:** Extended traffic areas requiring re-direction. Stacks of 8-12 cones may be tossed into a vehicle for smaller deployments.



## CRIME SCENE TAPE

**PROS:** Lightweight, authoritative when imprinted with authority identification. Moderate perceived authority.

**CONS:** One-time use product, requires on-site objects to act as anchor points to be used effectively. Precincts can run through miles of this tape over short periods. If not carefully removed, this tape becomes a blight on neighborhoods. Not durable, easily torn, and frequently ignored.

**BEST USE:** Easy to deploy where existing posts, signs, trees and other structures are available.



## QDB Units:

### QUICK DEPLOYMENT BARRICADES

**PROS:** They are light enough to set up by a single person yet solid enough to create a solid authoritative barrier as required by law. Requires low maintenance. Heavy-duty, portable and authoritative. Instantly deployable. Signage inserts identify applicable scenario (i.e. crime scenes, command posts, police line, fire line, etc.). Interlocking carabiner hooks create continuous barricade lines. High-visibility lights add safety. QDBs fold down to small spaces to allow storage in vehicle trunks.

**CONS:** Not for long-term installations.

**BEST USE:** Immediate deployment situations, filling in gaps traditional barriers such as: pop-up checkpoints, crime scenes, command posts, DWI check points, accidents, fire hose protection, street closures and more.



## QUICK COMPARISON CHART

BARRICADE TYPE	PERCEIVED AUTHORITY	DEPLOYMENT TIME	EASE-OF-USE SET-UP & BREAK-DOWN	INITIAL COST	LIFETIME COST	MAINTENANCE COST	RESOURCE DRAIN
STEEL	●	○	○	●	○	○	○
WOOD	●	○	○	●	○	○	○
CONES	○	●	●	●	●	●	●
TAPE	○	●	●	●	●	●	●
QDB	●	●	●	○	●	●	●

KEY:

● BEST    ● AVERAGE    ○ WORST



ABOUT

# RETRACTA-CADE®

BY VISIONTRON CORP

## THE TACTICAL INNOVATION THAT CREATED THE QDB PROTOCOL

The first of these QDB tactical tools is the Retracta-Cade® from Visiontron Corp.



RETRACTA-CADE®  
QDBs FROM  
VISIONTRON

Visiontron is an industry leader with over 50 years of experience in crowd control. Our staff stands ready to help you plan and secure the right barricade solutions for your department.





### THE RETRACTA-CADE® CROWD CONTROL BARRIER

- Heavy-duty 37 lb. barrier provides immediate security
- Retracts easily for easy storage and transport
- Designed to withstand heavy use and outdoor elements
- Available in blue, red and yellow for police, fire and safety applications
- Patent pending design
- Made in the USA



### STACKABLE AND STORABLE

- Store large quantities efficiently at fire houses, police stations, in office space, etc. for immediate access
- Up to 25 units (250' of barrier) can be stored in a 4'x4' footprint



### LOCKING CARABINER

- Securely joins barriers to create a continuous line of authority
- Threaded carabiner: snaps and screws closed to secure the connection between barriers
- Carabiners rotate 180 degrees so the panels can be pulled out uphill or from any angle, and create endless barrier configurations



### ADJUSTABLE LENGTH BARRICADE

- Extendable panels create a barrier ranging from 4' to 10' wide
- Variable length to accommodate multiple applications



### RETRACTA-CADE® SIGN PANELS

- Printed sign panels allow the Retractable-Cade® to be used for multiple applications
- Up to 3 sign inserts slide & lock into each track, to store 6 signs in 1 unit
- Choose from stock messages or any custom printing



### RETRACTA-CADE® LIGHT KITS

- Attention-grabbing LED lights slide into the top of the Retractable-Cade® for increased visibility in day or night
- Red, yellow or blue lights available
- Hard carrying case conveniently charges and stores 6 LED lights
- Each light includes 9 patterns (flashing, solid, rotating, etc.)

## SUMMARY AND RECOMMENDATIONS

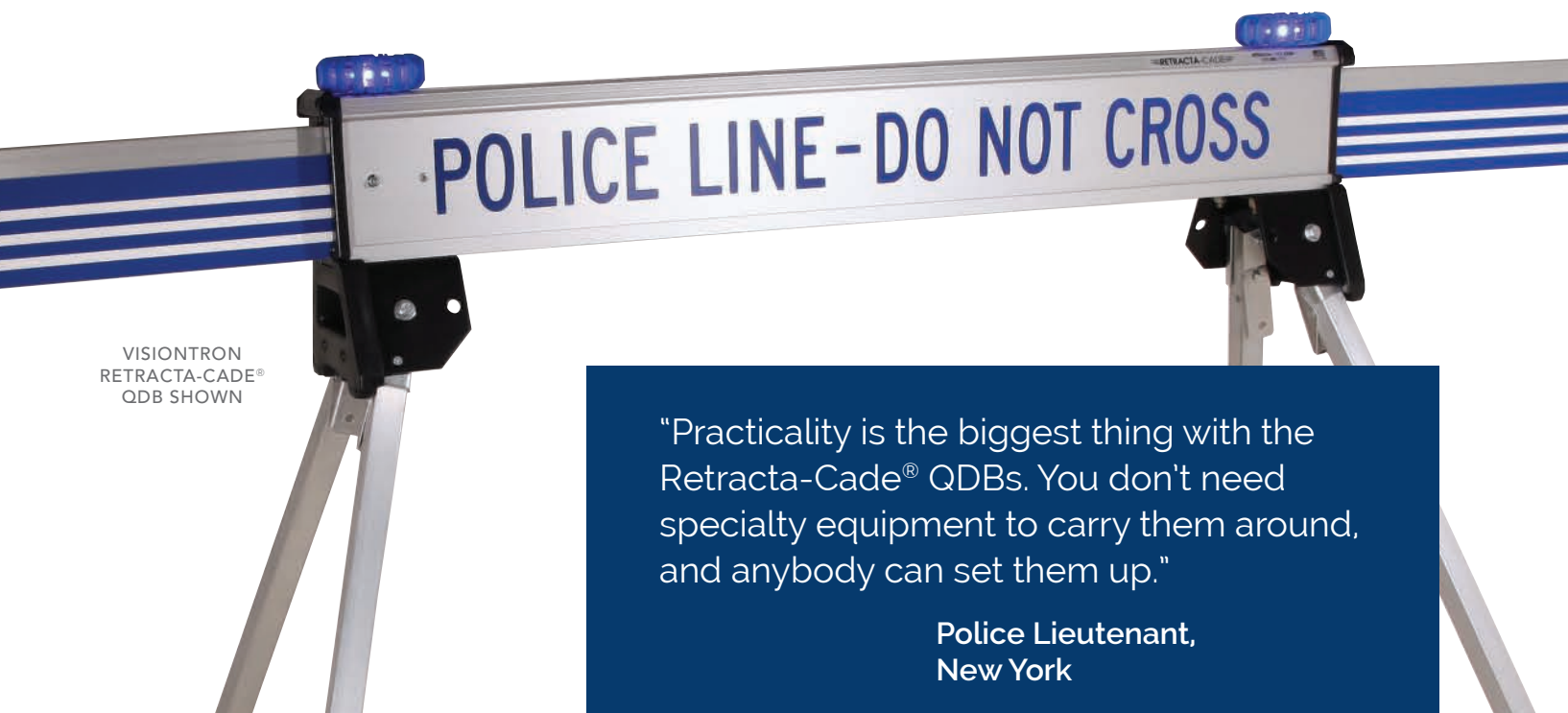
This study, created by interviewing established law enforcement, fire and city service professionals, shows the need for QDBs to increase safety, responsiveness and meet current legal expectations for authorities. It is vital to create and maintain barriers that protect both the public as well as the officers and authorities.

**Each precinct and jurisdiction agreed they would clearly benefit by having QDB units on hand for mobile deployment.** Centralized departments should also consider adding QDB storage racks, which hold up to 25 units in a 4'x4' footprint. These racks can be mounted on larger tactical vehicles or stored at stations for immediate deployment.

Low-maintenance costs, speed of deployment and increased safety more than justify any investment in these units.

### QUICK DEPLOYMENT BARRICADE ADVANTAGES:

- Instantly protect the public from hazards, crime scenes and safety risks
- Better ensure the safety of first responders
- Immediately create an authoritative, legal barrier
- Allow law enforcement, fire and public safety personnel to focus on their jobs
- Minimize trucking, maintenance and resource costs



VISIONTRON  
RETRACTA-CADE®  
QDB SHOWN

"Practicality is the biggest thing with the Retracta-Cade® QDBs. You don't need specialty equipment to carry them around, and anybody can set them up."

Police Lieutenant,  
New York

# RETRACTA-CADE®

BY VISIONTRON CORP



POLICE • FIRE • GOVERNMENT • SAFETY • SECURITY

FOR MORE INFORMATION, GO ONLINE TO [QDBINFO.COM](http://QDBINFO.COM)  
OR CALL VISIONTRON AT **800-585-7750** AND  
ASK FOR THE QDB RESOURCE CENTER

# RETRACTA-CADE®

QDBs CURRENTLY BEING DEPLOYED BY:



FOR MORE INFORMATION, GO ONLINE TO [QDBINFO.COM](http://QDBINFO.COM)  
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ASK FOR THE QDB RESOURCE CENTER

RETRACTA-CADE®

BY VISIONTRON CORP

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