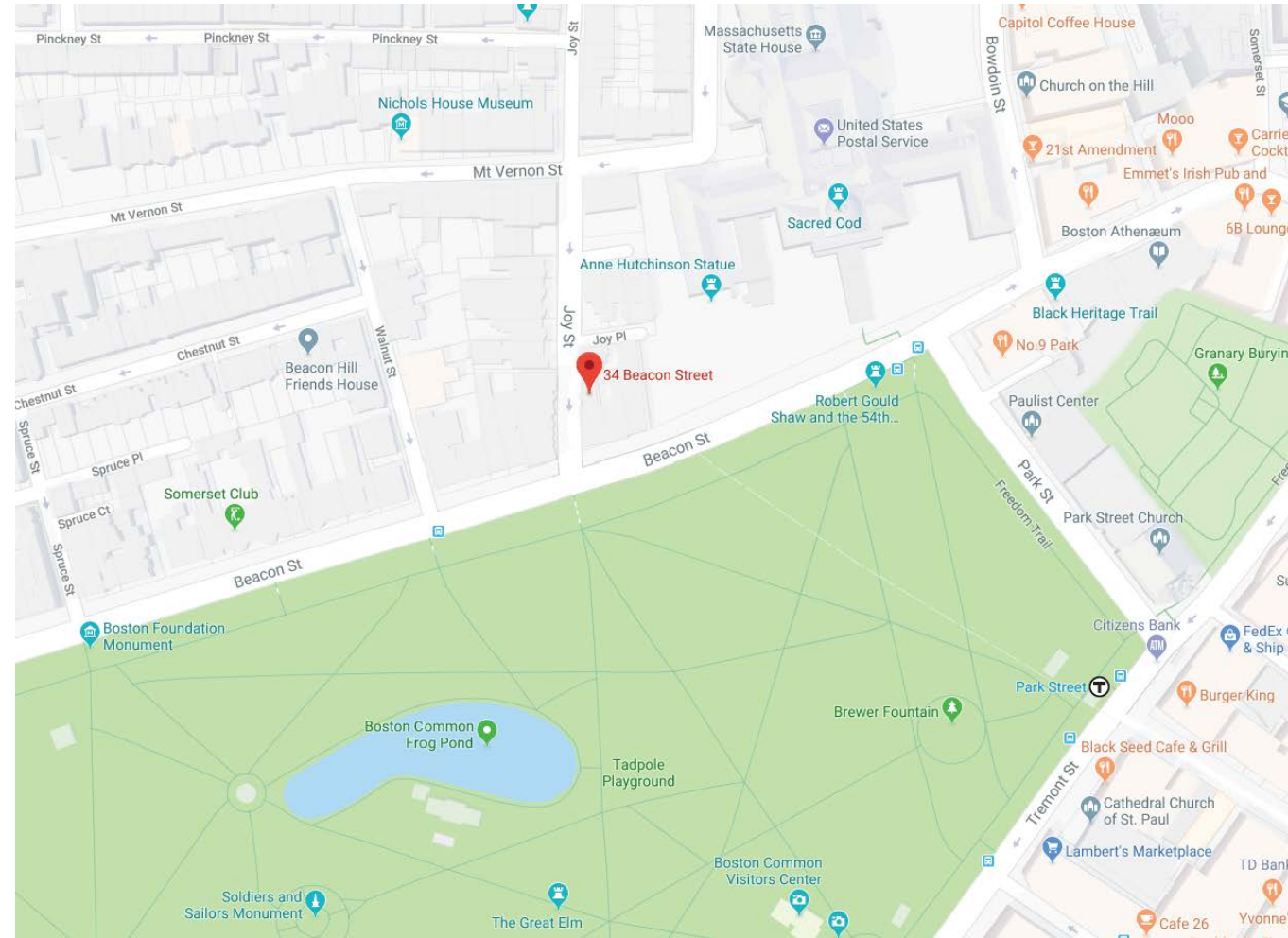
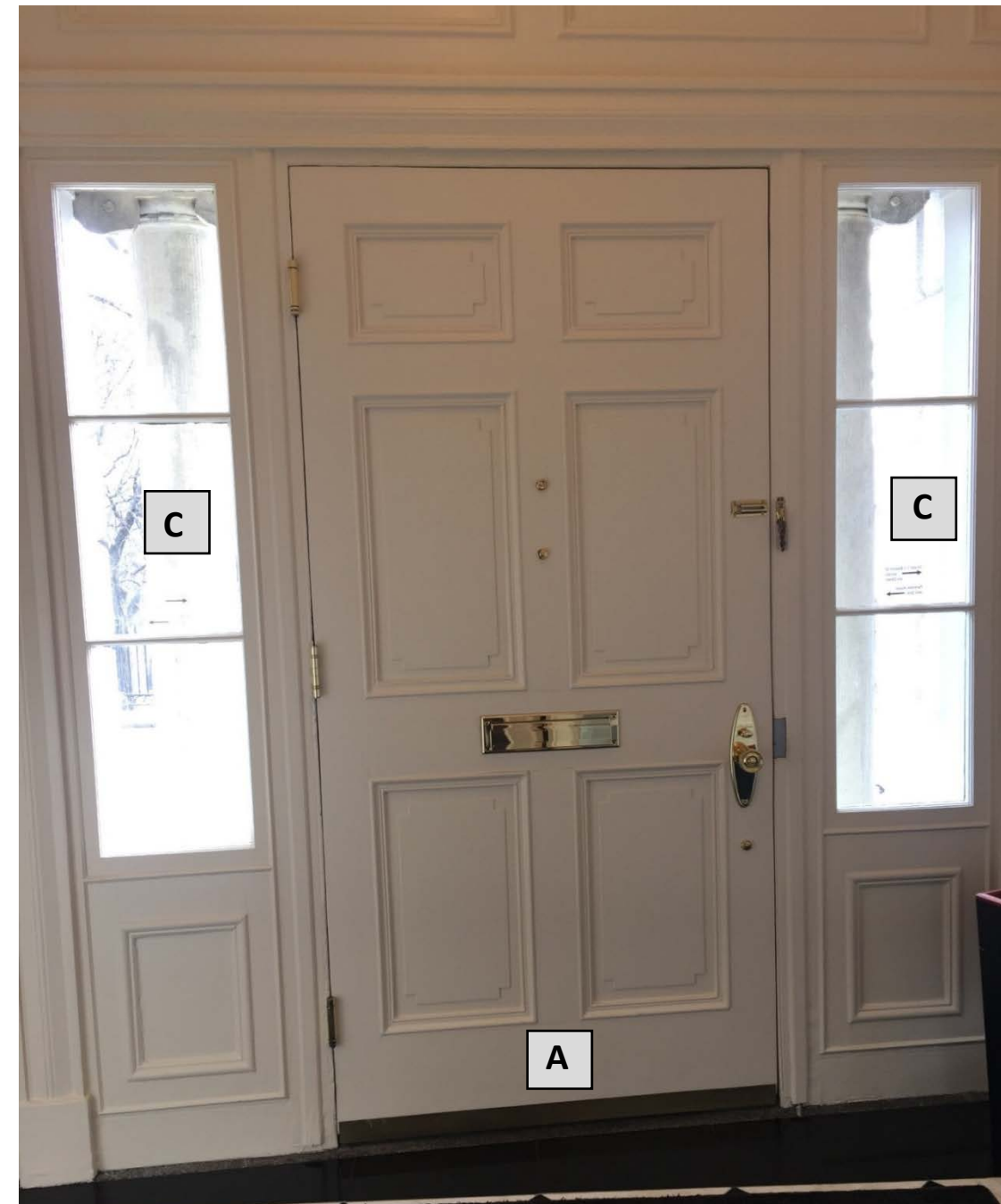


34 Beacon Street



Front Entrance

- A. Per Preservation Technology Associates, report dated February 18'. It was found the entry door is currently in good and serviceable condition with little evidence of concern about strength or structure. Four samples were taken and inspected. Per recommendation, we propose to fully repaint the existing door including removing and replacing sealants between sections and moldings and minor consolidation and filling. This would require paint to be stripped and reapplied in these small areas. All paint to match existing.
- B. Upgrade intercom system with modern system. Finish to match.
- C. Replace (6) existing sidelight glass to laminated glass. For durability and security purposes. Putty color and installation to match.

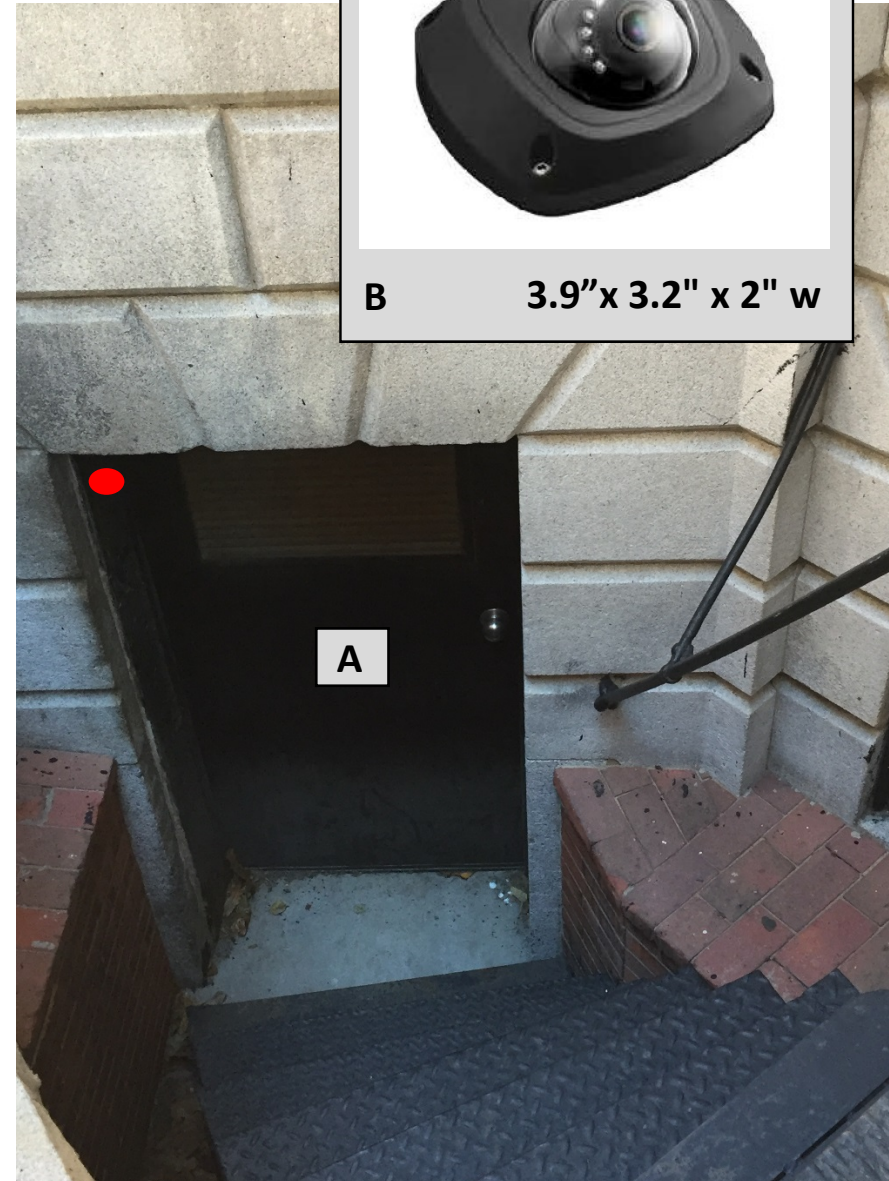
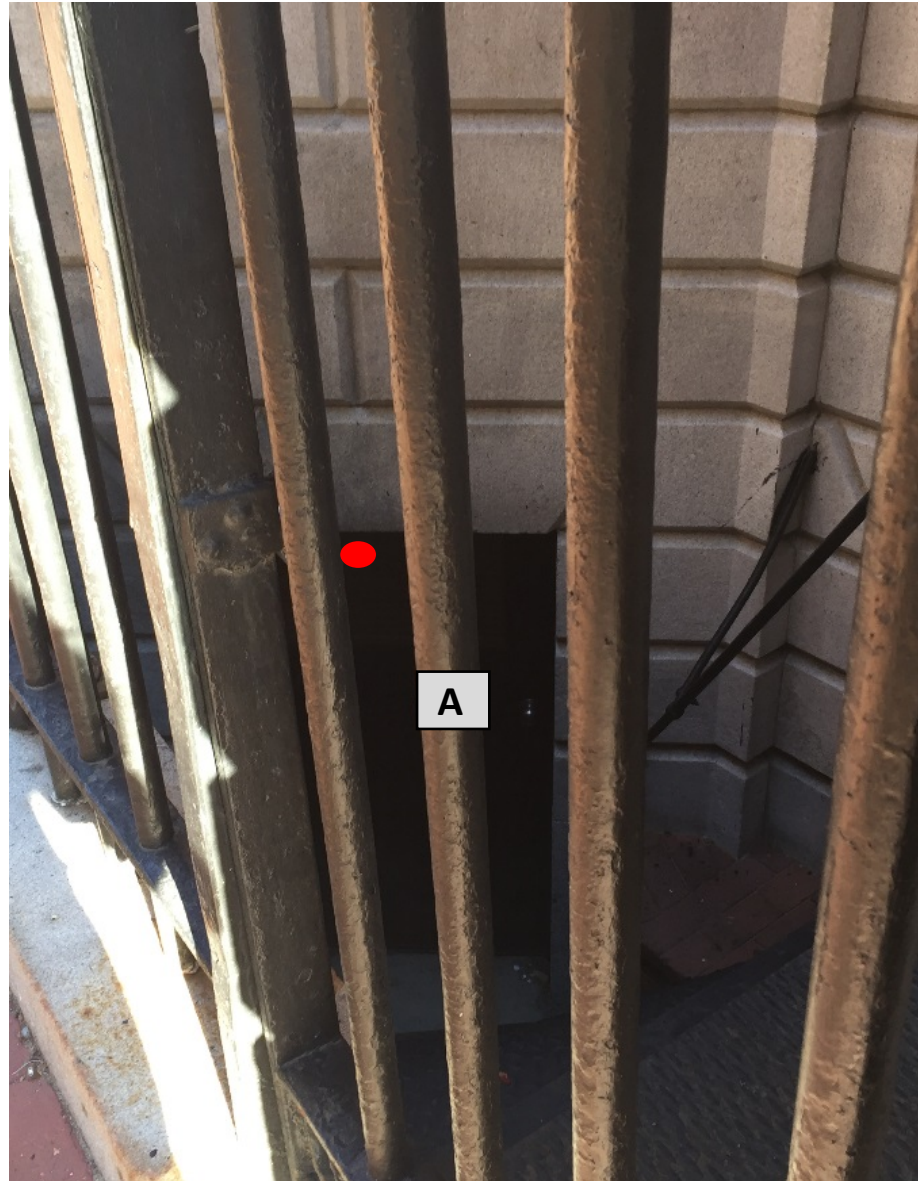


D. Install (1) camera to front entry casing. To be hardwired into available power at interior side. To be white to match, can be painted to match exactly.



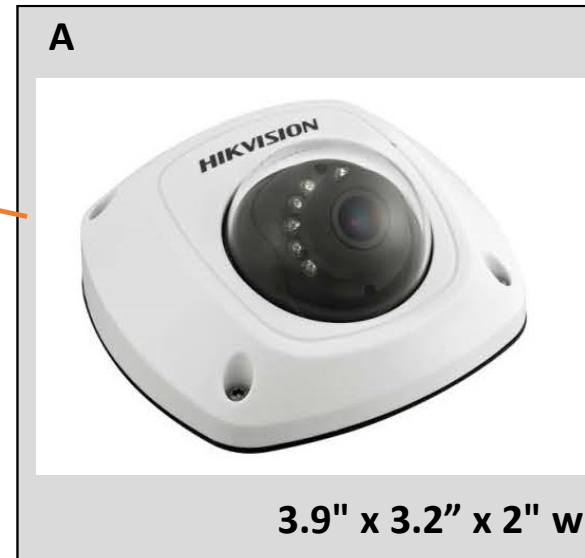
Gated - Side Entrance

- A. Replace existing door with new solid wood door. Color to match. Hardware to be upgraded. No louver to be installed in new door.
- B. Add Security Camera at left side of entry door. To be black to match painted brick. To be hardwired.



Alley - Side Entrance

A. Add Security Camera at alley wall ceiling to line up with current recessed fixtures. To be hardwired.



Back Entrance

A. Add Security Camera at left side of garage wood trim. To be black to match. To be hardwired.





DS-2CD2522FWD-IS Series

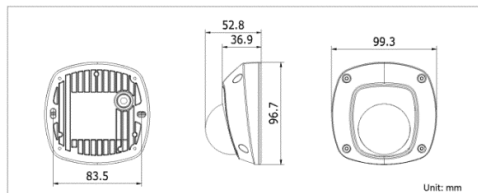
2 MP WDR Compact Dome Network Camera



Key Features

- 2 Megapixel High Resolution
- Full HD1080p Video
- Dual Video Streams
- 2.8 mm, 4 mm, 6 mm Fixed Lens Options
- 120 dB Wide Dynamic Range
- 3D Digital Noise Reduction
- Smart Features
- PoE (802.3af)
- IR Range 10 Meters (~33 Feet)
- IP67 and IK08 Protection
- Audio and Alarm I/O
- Edge Storage, MicroSD Slot, 128 GB
- Built-In Wi-Fi (-W Model Only)

Dimensions



Accessories



Order Model

DS-2CD2522FWD-IS
DS-2CD2522FWD-IWS, Built-in Wi-Fi

DS-2CD2522FWD-IS Series	
Camera	
Image Sensor	1/2.8" progressive scan CMOS
Minimum Illumination	0.028 lux @ (f/2.0, AGC on), B/W: 0 lux with IR
Shutter Speed	1/3 s to 1/10,000 s
Lens	4 mm, 6 mm options
Angle of View	85° (4 mm), 52° (6 mm)
Lens Mount	M12
Day/Night	IR cut filter with auto switch
DNR	3D DNR
Wide Dynamic Range	120 dB
Angle of Adjustment	Pan: -30° to 30°, tilt: 0° to 75°, rotation: 0° to 360°
Compression Standard	
Video Compression	H.264/MJPEG
H.264 Type	Main profile
Video Bit Rate	256 Kbps to 16 Mbps
Dual Streams	Yes
Audio	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 128 Kbps (MP2L2)
Image	
Maximum Resolution	1920 × 1080
Frame Rate	30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Image Setting	Compression, color, saturation, brightness, contrast, sharpness, rotate mode, privacy mask
Backlight Compensation	Yes, zone configured
Region of Interest (ROI)	Yes
Analytics	
Smart Features	Line crossing detection, intrusion detection
Network	
Network Storage	NAS (supports NFS, SMB/CIFS), ANR
Alarm Triggers	Motion detection, tampering alarm, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Security	Three level user authentication, password authorization, HTTPS and SSH certificate, IEEE802.1X, basic and digest authentication, watermark, IP address filtering, log-in lockout
Standard	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI
Interface	
Communication	1 RJ-45 10M/100M Ethernet port
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Alarm Interface	1x alarm I/O
Audio Interface	Built-in microphone and 1x audio output
Wi-Fi (-W models only)	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz to 2.4835 GHz
Channel Bandwidth	20/40 MHz supported
Protocols	802.11b: CCK, QPSK, BPSK, 802.11g/n: OFDM
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transmit Output Power	11b: 17 ± 1.5 dBm @ 11 Mbps 11g: 14 ± 1.5 dBm @ 54 Mbps 11n: 12.5 ± 1.5 dBm
Reception Sensitivity	11b: -90 dBm @ 11 Mbps (typical) 11g: -75 dBm @ 54 Mbps (typical) 11n: -74 dBm (typical)
Transfer Rates	11b: 11 Mbps, 11g: 54 Mbps, 11n: up to 150 Mbps
Wireless Range	50 meters *Performance depends on actual environment
General	
Operating Conditions	-30° C to 60° C (-22° F to 140° F), humidity 95% or less (non-condensing)
Power	12 VDC ± 10%, PoE (802.3af)
Power Consumption	Maximum 5 W, maximum 9 W with pan and tilt
IR Range	10 meters (~33 feet)
Ingress Protection	IP67
Impact Protection	IEC60068-275Eh, 20J; EN50102, up to IK08
Dimensions	99.3 mm x 96.7 mm x 52.8 mm (3.91" x 3.81" x 2.08")
Weight	600 g (1.32 lbs)

DS-2CD2522FWD-ISB Series

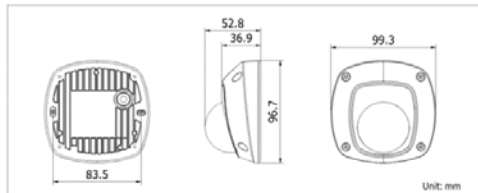
2 MP WDR Compact Dome Network Camera



Key Features

- Black finish version of the DS-2CD2522FWD-IS
- 2 Megapixel High Resolution
- Full HD1080p Video
- Dual Video Streams
- 2.8 mm, 4 mm, 6 mm Fixed Lens Options
- 120 dB Wide Dynamic Range
- 3D Digital Noise Reduction
- Smart Features
- PoE (802.3af)
- IR Range 30 ft (10 m)
- IP67 and IK08 Protection
- Audio and Alarm I/O
- Edge Storage, MicroSD Slot, 128 GB

Dimensions



Accessories

PC120 Pendant Cap	WMS Short Wall Mount with Junction Box	CPM Pendant Mount
SRS Sun Rain Shield	PM Pole Mount	CM Corner Mount

DS-2CD2522FWD-ISB

Camera	
Image Sensor	1/2.8" progressive scan CMOS
Minimum Illumination	Color: 0.028 lux @ (f/2.0, AGC on); B/W: 0 lux with IR
Shutter Speed	1/3 s to 1/10,000 s
Lens	2.8 mm, 4 mm, 6 mm options
Angle of View	85° (4 mm), 52° (6 mm)
Lens Mount	M12
Day/Night	IR cut filter with auto switch
Digital Noise Reduction	3D Digital Noise Reduction
Wide Dynamic Range	120 dB
Pan/Tilt/Rotation	Pan: -30° to 30°; tilt: 0° to 75°; rotation: 0° to 360°
Compression Standards	
Video Compression	H.264 / MJPEG
H.264 Type	Main Profile
Video Bit Rate	32 Kbps to 16 Mbps
Dual Streams	Yes
Audio	64 Kbps (G.711) / 16 Kbps (G.722.1) / 16 Kbps (G.726) / 32 to 128 Kbps (MP2L2)
Image	
Maximum Resolution	1920 × 1080
Frame Rate	30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Image Settings	Compression, color, saturation, brightness, contrast, sharpness, rotate mode, privacy mask
Backlight Compensation	Yes, zone configured
Region of Interest (ROI)	Yes
Analytics	
Smart Features	Line crossing detection, intrusion detection
Network	
Network Storage	NAS (supports NFS, SMB/CIFS), ANR
Alarm Triggers	Motion detection, tampering alarm, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Security	Three level user authentication, password authorization, HTTPS and SSH certificate, IEEE802.1X, basic and digest authentication, watermark, IP address filtering, log-in lockout
Standards	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI
Interface	
Communication	1 RJ-45 10M/100M Ethernet port
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Alarm Interface	1x alarm I/O
Audio Interface	Built-in microphone and 1x audio output
General	
Operating Conditions	-22° F to 140° F (-30° C to 60° C), humidity 95% or less (non-condensing)
Power	12 VDC ±10%, PoE (802.3af)
Power Consumption	Maximum 5 W, maximum 9 W with pan and tilt
IR Range	Approximately 100 ft (30 m)
Ingress Protection	IP67
Impact Protection	IEC60068-275Eh, 20J; EN50102, up to IK08
Dimensions	3.91" × 3.91" × 2.08" (99.3 mm × 96.7 mm × 52.8 mm)
Weight	1.32 lbs (600 g)

Order Model

DS-2CD2522FWD-ISB

SSS SIEDLE

750 Parkway
Broomall, PA 19008
Tel. 800 874 3353
Fax 610 353 9716
Email: info@siedleusa.com
Web: www.siedleusa.com

Siedle Classic Door Station Video (CL V 01 B-02)



Product Details

Classic door station with stainless steel front, brushed V4A, with flush-mount housing in hot-dip galvanized sheet steel. Color camera, Door loudspeaker, 1 call button with backlit nameplate, exchangeable from the front.

Specifications:

Ambient temperature:	-4°F - 131°F
Dimensions housing W x H x D:	6.1" x 13.2" x 2.5"
Dimensions front panel W x H x D:	6.7" x 14" x .08"

In this finish. To match existing color.

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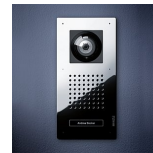
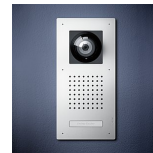
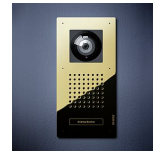
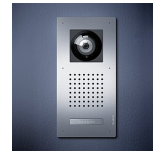
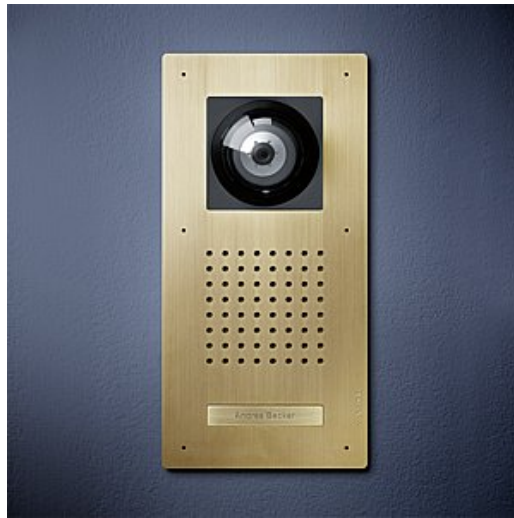
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Materials and colours



Burnished brass:

A traditional material characterized by irregular colour, the development of patina and traces of use.

PRESERVATION TECHNOLOGY ASSOCIATES, LLC

285 Reservoir Road, Chestnut Hill, MA 02467

617 598-2255

jselwyn@preservationtechnology.net

34 Beacon Street, Boston, MA
Condition of Entry Door
February, 2018

Introduction and Summary:

At the request of Mona Bonnot of Sea-Dar Construction, Dr. Judith E. Selwyn of Preservation Technology made a site inspection to review the front entry door of 34 Beacon Street on February 22, 2018. Like the Parkman House next door at 33 Beacon Street, this building is an example of the large, elegant residences that were erected in Beacon Hill in the early nineteenth century. It was one of a group of three row houses (25 Beacon was significantly altered in 1927 when it became the headquarters of the Unitarian Universalist Church) and is important as a harmonious part of the architectural context of Beacon Hill. The dwelling was designed Cornelius Coolidge and erected in 1825. Known as the Russell-Bradlee House, the house is located in Boston's Beacon Hill Historic District. It is on the National Register of Historic Places and is a National Landmark - the highest national designation for an historic structure. Coolidge was a major developer of Beacon Hill houses, and this row of buildings represents an early use of rusticated granite at the base and is unique in the use of the wrought iron balconies.

The front door of the residence was inspected visually and by probing with a small tool; several areas were reviewed using a 10 X hand lens, and four samples were taken from critical areas for examination in our office using a binocular microscope. We were also informed that some level of restoration work had been performed on the door within the past few years.

Based on this examination we find that the door is in good condition, with little evidence of damage or concern about its strength and structure.

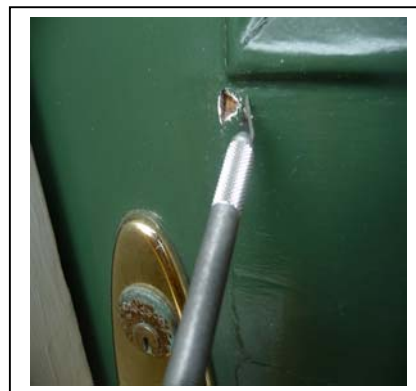
Analysis:

Cracks were noted in areas that were anticipated as a result of the cyclic thermal movement of the various components of the wood door such as the joining of the styles and rails and corners of moldings. Additional cracks were also noted at the center rail, some of which were very short. At the east end of this rail the crack was probed with a fine blade and found to be at least 3/4" deep, but no distress was noted on either side of the cracks and some of the cracking at the center rail may be the joining/lamination of boards to form this wider rail.

Samples were taken and reviewed under the binocular microscope; the location of these samples is shown in the photo below:



Sample 1: At the left end of the lock rail, top. This sample was found to have a small amount of what appeared to be an epoxy filler, followed by a white primer and the green paint top coat. The wood under the filler was somewhat friable over a small area, less than one square inch



Sample 2: This sample was taken from a "lump" near the lock on the lower part of the sample rail, directly below sample 1. This sample contained only paint. The wood was also friable over a very small area.



Sample 3: This sample was taken from a crack between molding sections at the top of the lower east panel. It was found to contain only primer and paint.



Sample 4: This sample was taken from the middle of the right side of the lower west panel between the panel and the molding. The sample was found to contain only sealant and paint.



Conclusion and Recommendation:

This inspection found the door to be in good and serviceable condition with no sign of weakness or excessive wear for a door of its age and type. The last restoration clearly stripped the paint and performed some level of repair. Most of that repair appears to be well done, with very minor exceptions at the very small areas noted that could have been consolidated before they were filled. At this time we recommend no additional treatment except for repair to paints or sealants probed during this inspection. Future work when full repainting is anticipated should include removing and replacing sealants between sections and moldings and minor consolidation and filling (paint must be stripped from these small areas to accomplish this work).