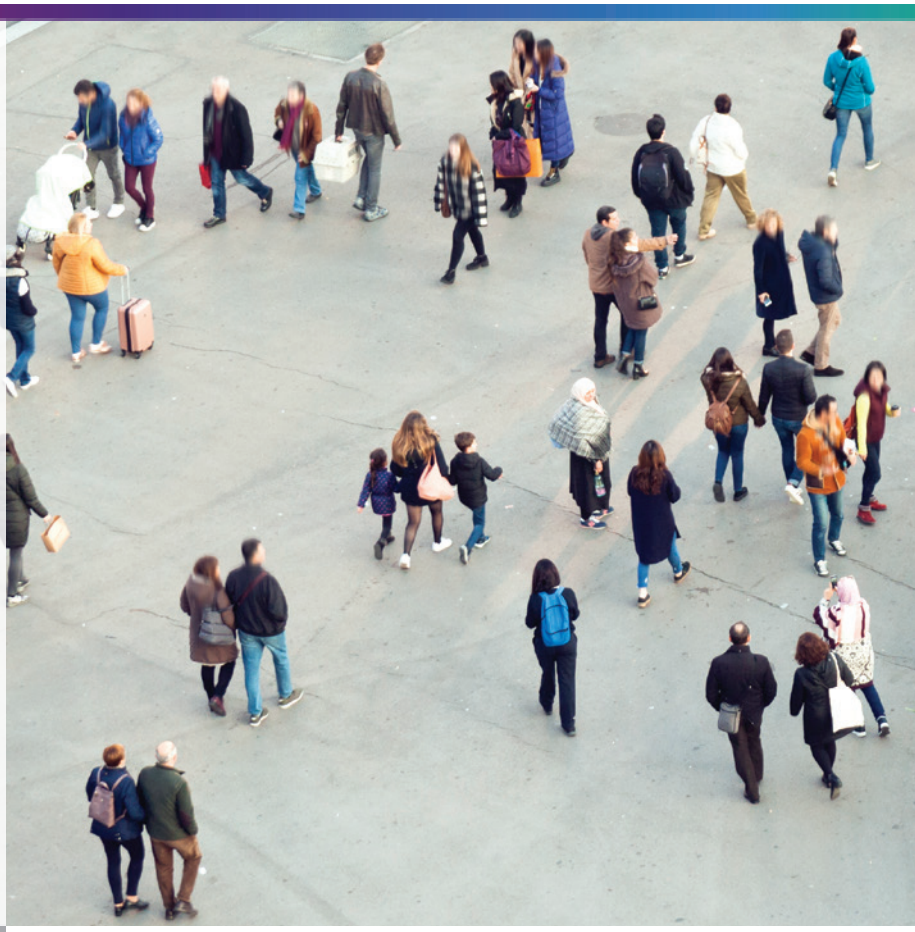
Schréder
Experts in lightability™

SHUFFLE

SHUFFLE CAM QV
SOLUTION



SHUFFLE is a connected, modular approach to city hardware - with its plug-and-play rotatable modules that contain pre-certified hardware, it can be configured to suit your specific needs.

KEY ADVANTAGES

- **Seamless integration in the SHUFFLE column**
- **360° view**
- **Vandal-resistant design to protect the hardware**
- **Easy installation with patented mounting system**

The SHUFFLE CAM QV is a seamlessly integrated 360-degree video CCTV solution that does not visually intrude on its surroundings. This is a compact, easy to install, reliable, and cost-effective CCTV solution that can be an alternative to an intrusive pan-tilt-zoom (PTZ) camera.

Four specifically designed sensor cameras are carefully placed in this SHUFFLE module to offer a full, unobstructed 360° view, allowing the cameras to be connected to any surveillance platform.

Modules are in high-pressure die-cast aluminium and a transparent polycarbonate protector is used to protect the sensor cameras. Extruded aluminium is also used to form the cylindrical shape. All fasteners are in stainless steel. The housing is covered in the highest-grade polyester powder paint available in a variety of colours.

This forward-thinking technology provides a platform that facilitates communication and collaboration to improve public safety and support the city's development and interests. This is why this module can be ordered with optional ready-to-use Genetec tools and solutions that extend beyond physical security to contribute to improving the daily lives of citizens.

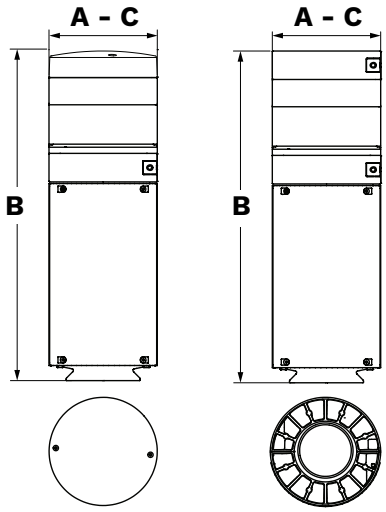
SHUFFLE CAM QV | CHARACTERISTICS

KEY FEATURES

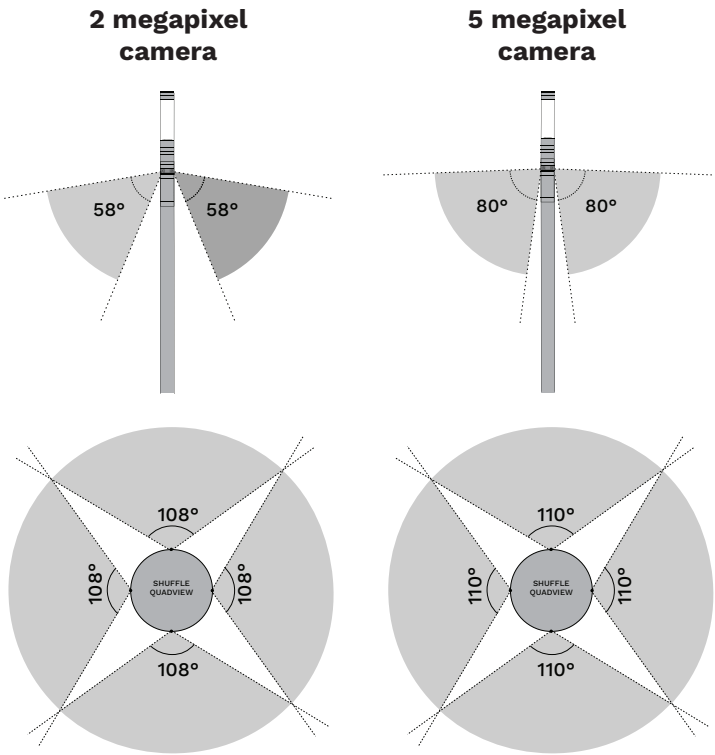
- > **Offers a 360° field of view with 2 MP or 5 MP cameras**
- > **Streams video from four sensor units simultaneously**
- > **Supports Wide Dynamic Range (WDR) – Forensic Capture**
- > **Ideal for very bright and/or dark areas**
- > **Support Axis Zipstream technology lowers bandwidth and storage use**
- > **Withstands dust, rain, snow, vibrations, shocks, and impacts**
- > **IP connectivity through standard Ethernet ports**
- > **Power over Ethernet or 8-28V DC**
- > **Features two SD card slots for optional local storage**

DIMENSIONS AND MOUNTING

AxBxC (mm | inch)	194x594x194 | 7.6x23.4x7.6
Weight (kg | lbs)	10 | 22
Aerodynamic resistance (CxS)	0.12
Mounting possibilities	Clamps



CAMERA FIELDS OF VIEW



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SHUFFLE CAM QV | CHARACTERISTICS

GENERAL	
CE Mark	Yes
UKCA Certified	Yes
RoHS Compliant	Yes

HOUSING AND FINISH	
Housing	Aluminium
Protector	Polycarbonate
Housing finish	Polyester powder coating
Standard colour	AKZO grey 900 sanded
Tightness level	IP 66
Impact resistance	IK 09
Ta	-30°C to +60°C -22°F to +140°F

ELECTRICAL	
Electrical class	Class I EU, Class II EU Class 1 US *(2 megapixel variant only)*
Input power (for control mains unit):	24 VDC Power over Ethernet (PoE) IEEE 802.3at Type 2 Class 4
Power Consumption	10-48V DC, typical 11W, max 25.5W

SHUFFLE	
SHUFFLE pole model	2 doors same side | 3 doors
SHUFFLE boxes	Mains box | Beyond Light power supply box (powered by 24VDC)
Location	Any position | Occupies 2 module positions

2 MEGAPIXEL CAMERAS	
Lens	Fixed iris
	3.1mm, F2.0
	with control in 1080p Horizontal angle of view: 108° Vertical angle of view: 58°
	with control in 720p Horizontal field of view: 70° Vertical field of view: 39°
Resolution	Max. 1920x1080 HDTV 1080p
Minimum Illumination	Colour: 0.1 lux
Shutter speed	1080p, 25/30 fps: 1/20000 s to 1.5 s HDTV 720p, 50/60 fps: 1/32500 s to 0.5 s
Quantity	4 cameras in each module

5 MEGAPIXEL CAMERAS	
Lens	Fixed iris
	2.8mm, F2.2
	Horizontal field of view: 110° Vertical field of view: 80°
Resolution	Max. 2592x1944
Minimum Illumination	Colour: 0.25 lux at 50 IRE, F2.2
Shutter speed	Please refer to the AXIS F91 datasheet.
Quantity	4 cameras in each module

CONTROL	
Application programming interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com AXIS Guardian with One-Click Connection ONVIF® Profile G and ONVIF® Profile S, specifications at onvif.org
Analytics	AXIS Video Motion Detection Active tampering alarm, audio detection Other features and software may be used

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