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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-proof 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 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 camera (PTZ).

Specifically designed four 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 aluminum and a transparent protector in polycarbonate is used to protect the sensor cameras. Extruded aluminum is also used to achieve a cylindrical shape. All fasteners are in stainless steel. The housing is covered in the highest graded polyester powder paint supporting a variety of colours.

Forward-thinking technology can provide a platform that facilitates communication and collaboration to improve public safety and support the advancement of the city and its interests. This is why this module can be optionally ordered with ready-to-go Genetec tools and solutions that extend beyond physical security to contribute to improving the daily lives of citizens.

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SHUFFLE

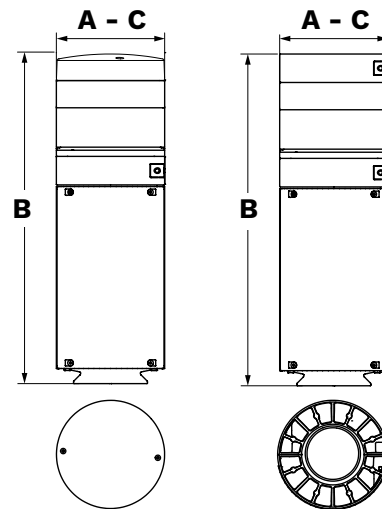## SHUFFLE CAM QV | CHARACTERISTICS

KEY FEATURES

> Offers a 360° field of view

> Contains 4 separate sensors with wide 108° horizontal field of view per sensor

> Vertical angle of view: 58°

> Streams videos from four sensor units simultaneously

> Supports 1920x1080 (1080p) resolution with up to 25/30fps, and 720p resolution with up to 50/60fps (50/60Hz)

> Supports Wide Dynamic Range (WDR) – Forensic Capture

> Ideal for very bright and/or dark areas

> Support for Zipstream and 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 8–28 V DC

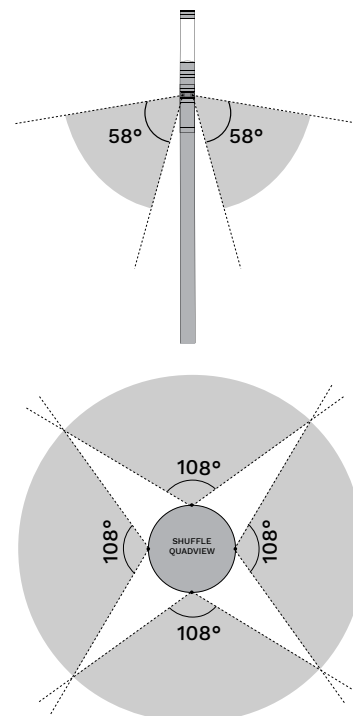> Features two SD card slots for optional local storage

DIMENSIONS AND MOUNTING

AxBxC (mm | inch)	194x593x194 | 7.6x23.4x7.6
Weight (kg | lbs)	10 | 22
Aerodynamic resistance (CxS)	0.12
Mounting possiblilities	Clamps

CAMERA ANGLE OF VIEW

SHUFFLE CAM QV | CHARACTERISTICS

GENERAL

Recommended installation height	2,3m to 6,8m | 7,5' to 22,3'
CE Mark	Yes
UKCA Certified	Yes
ROHS Compliant	Yes

HOUSING AND FINISH

Housing	Aluminum
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
Input power (for control mains unit):	24 VDC Power over Ethernet (PoE) IEEE 802.3at Type 2 Class 4
Power Consumption	10–48 V DC, typical 11 W, max 25.5 W

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

CAMERA

	Fixed iris
	3.1mm, F2.0
Lens	with control in 1080p: Horizontal angle of view: 108° Vertical angle of view: 58°
	with control in 720p: Horizontal angle of view: 70° Vertical angle of view: 39°
Resolution	Max. 1920x1080 HDTV 1080p
Minimum Illumination	Color: 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

CONTROL

Resolution	Max. 1920x1080 HDTV 1080p
Wide dynamic range	WDR - Forensic Capture
Frame rate	Up to 30 fps in 1080p (WDR mode) and up to 60 fps in 720p
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 softwares can be used