Schréder
Experts in lightability™

SHUFFLE

SHUFFLE CAM GEN2
EXTERNAL
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**

> **Professional camera network**

> **Easy installation with patented mounting system**

> **Compatible with the video management system**

The SHUFFLE CAM GEN2 (external) module offers a solution for integrating a camera in a discreet public CCTV solution. It is designed to offer cities a way to enhance and develop security in public areas.

Our selection of cameras support a broad range of applications from security to business intelligence and additional plug-ins offering new efficiencies and opportunities.

The range of full HD 1080p cameras with infrared capabilities are specifically chosen to provide excellent visibility under diverse conditions. The IR LED can produce clear monochrome images in 0-lux conditions. The Intelligent Auto (iA) feature enables the camera to automatically adjust settings in real-time adapting to its surroundings, reducing distortion or motion blur.
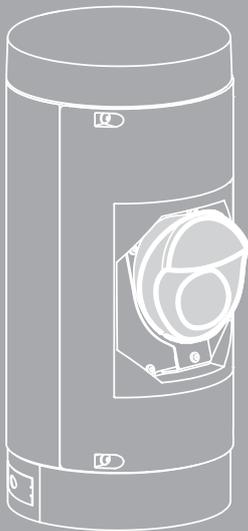
Modules are made of high-grade, high-pressure die-cast aluminium. An external embellishment was added around the camera providing a polished appearance and increased impact resistance. All fasteners are in stainless steel. The housing is covered in the highest graded polyester powder paint supporting a variety of colours.

SHUFFLE CAM GEN2 EXTERNAL | CHARACTERISTICS

KEY FEATURES

> **Resolution: 2 MP, 5 MP and 8 MP**

> **Image optimisation (backlight, contrast, night vision, high brightness)**

> **Privacy layers**

> **ONVIF communication standard**

> **Event triggering: motion detection, video analytics, tampering...**

> **Digital zoom**

> **Data optimisation: selected and/or delayed data transmission, on-site recording (SD memory slot)**
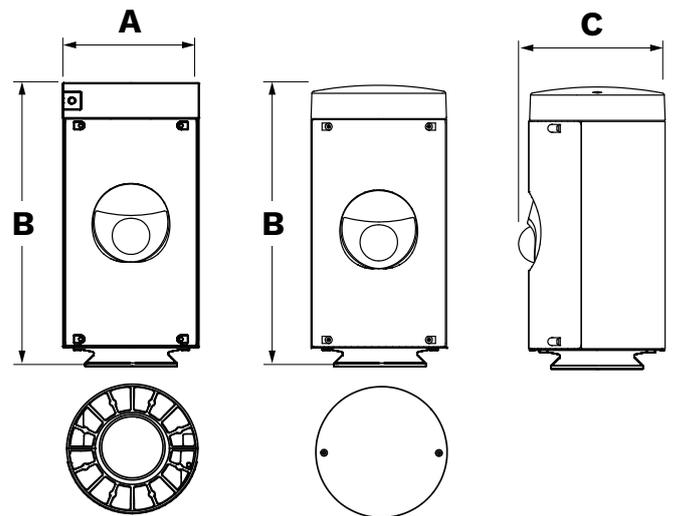
HOUSING AND FINISH

Housing	Aluminium
Camera support	Polycarbonate
Embellishment	Aluminium
Housing finish	Polyester powder coating
Standard colour	AKZO grey 900 sanded

SHUFFLE POLE

SHUFFLE pole versions	2 doors on the same side | 3 doors
SHUFFLE components	Mains box | Beyond light supply box
	Support plate network
	Network cable
Location on pole	Any position

DIMENSIONS AND MOUNTING (MODULE)

AxBxC (mm | inch)	194x403x194 | 7.6x15.9x7.6
Weight (kg | lbs)	6.4 | 14.1
Aerodynamic resistance (CxS)	0.08
Mounting possibilities	Clamps

SHUFFLE CAM GEN2 EXTERNAL | CHARACTERISTICS

SHUFFLE MODULE	SH18C2-GB	SH18C2-M1	SH18C2-M2	SH18C2-M4	SH18C2-M5
CE mark	Yes	Yes	Yes	Yes	Yes
UKCA mark	Yes	Yes	Yes	Yes	Yes
UL mark	Pending	Pending	Pending	Pending	Pending
Electrical class	Class I EU Class II EU Class 1 US	Class I EU Class II EU Class 1 US	Class I EU Class II EU Class 1 US	Class I EU Class II EU Class 1 US	Class I EU Class II EU Class 1 US
Tightness level	IP 66/67	IP 66	IP 66	IP 66	IP 66
Impact resistance	IK 10	IK 10	IK 10	IK 10	IK 10
Camera brand	**AXIS**	**AXIS**	**AXIS**	**Hanwha**	**Hanwha**
Model	**P3925-R**	**M4227-LVE**	**M4228-LVE**	**QNV-C8011R**	**QNV-C9011R**
Max resolution	2 megapixels	5 megapixels	8 megapixels	5 megapixels	8 megapixels
Max frame rate	30fps	30fps	30fps	30fps	30fps
Lens	2.8mm fixed focal lens	3.2-7.2mm varifocal	3.2-7.2mm varifocal	3mm fixed focal lens	3mm fixed focal lens
Aperture ratio	F1.6	F1.6-F2.7	F1.6-F2.7	F1.6	F1.6
Field of view	Horizontal: 110° Vertical: 62°	Horizontal: 38-98° Vertical: 26-66°	Horizontal: 38-100° Vertical: 20-52°	Horizontal: 100° Vertical: 73°	Horizontal: 108° Vertical: 59°
Infrared	Yes	Yes, up to 20m	Yes, up to 20m	Yes, up to 20m	Yes, up to 20m
Smart features	Yes	Yes	Yes	Yes	Yes
Operating temperature	-40°C to +55°C -40°F to +131°F	-30°C to +50°C -22°F to +122°F	-30°C to +50°C -22°F to +122°F	-40°C to +55°C -40°F to +131°F	-40°C to +55°C -40°F to +131°F
Ethernet	RJ45 (10BASE-T/100BASE-TX)	RJ45 (10BASE-T/100BASE-TX)	RJ45 (10BASE-T/100BASE-TX)	RJ45 (10/100BASE-T)	RJ45 (10/100BASE-T)
PoE input	PoE IEEE 802.3af 802.3at	PoE IEEE 802.3af 802.3at 802.3bt	PoE IEEE 802.3af 802.3at 802.3bt	PoE IEEE 802.3af	PoE IEEE 802.3af
PoE power consumption	Max 6.4W	Max 12.3W	Max 12.9W	Max 8.5W	Max 8.5W

Access full AXIS P3925-R camera specifications

Access full AXIS M4227-LVE camera specifications

Access full AXIS M4228-LVE camera specifications

Access full Hanwha QNV-C8011R camera specifications

Access full Hanwha QNV-C9011R camera specifications