SOS

INTERCOM
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**

> **Unparalleled audio quality with optional video**

> **Vandal resistant SIP and IP intercom**

The SHUFFLE column can host a seamlessly integrated Intercom, carefully designed and created around the ever growing necessity for citizen interaction. The SHUFFLE column optional Intercom was developed to offer and adapt to an array of various situations. It can be connected to a remote management system that allows for different services to be provided.

The Intercom has the capability to interact with the SHUFFLE Light Ring module and/or other SHUFFLE modules like the the SHUFFLE Horn Module and/or the SHUFFLE 360 Light & Emergency Strobe. A camera was carefully integrated in this intercom to further enhance usability.

The SHUFFLE columns are carefully designed and manufactured in hot dip galvanised steel, providing excellent corrosion protection against the elements. High-grade polyester powder painting, in a variety of colours, provides a thorough finishing coat that will last for years to come.
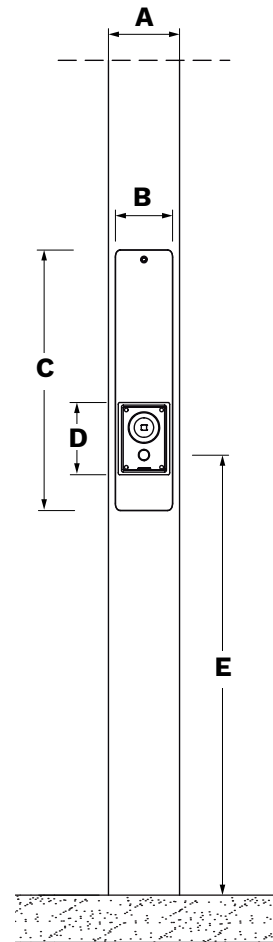
Schréder
Experts in lightability™

SHUFFLE

INTERCOM | CHARACTERISTICS

KEY FEATURES

> **Optional HD video at up to 25 FPS (960p) and H.264 for integration with most video solutions**

> **Crystal clear audio**

> **Background active noise cancellation**

> **Automatic volume adjustment**

> **Stainless steel front plate**

DIMENSIONS AND MOUNTING

A (mm | inch)	Ø193mm | Ø7.6in
B (mm | inch)	134mm | 5.3in
C (mm | inch)	710mm | 28in
D (mm | inch)	196mm | 7.7in
E (mm | inch)	1.26m | 49.6in
Mounting possiblilities	Multi-purpose door

INTERCOM | CHARACTERISTICS

GENERAL

Recommended installation height	1.26m	49.6'
CE mark	Yes
ROHS compliant	Yes

HOUSING AND FINISH

Pole housing	Galvanised steel
Housing finish	Polyester powder coating
Standard colour	AKZO grey 900 sanded
Intercom housing	Aluminum
Intercom faceplate	Stainless steel
Intercom electronics cover material	Polycarbonate
Ta	-30° to 70°C -22° to 158°F

SHUFFLE

SHUFFLE Pole models	2 doors opposite	3 doors
SHUFFLE Components	Beyond light power supply box
	Intercom cable
Position on pole	Multi-purpose door
Module Interaction	Can be linked to Light Ring Strobe, Horn, Camera

ELECTRICAL

Electrical class	Class I EU, Class II EU
Nominal voltage	220-240V 50/60Hz

IP AND SIP INTERCOM

Tightness level	IP 66
Impact resistance	IP 10
Frequency range	200Hz – 7000Hz
Internal speaker amplifier	10W class D
Microphone technology	Digital MEMS, omnidirectional microphone
Ethernet connector	M12
Power options	PoE and or external power supply
External power supply	24 VDC
Power consumption	Idle 1.8W, max 12W (depending on volume)
Protocols	IPv4 (with DiffServ), SIP, TCP, UDP, HTTPS, TFTP, RTP, SRTP, DHCP, SNMPv2c, Vingtor-Stentofon CCoIP® , NTP
LAN protocols	Power over Ethernet (IEEE 802.3 a-f) Network Access Control (IEEE 802.1x)

VOIP VIDEO INTERCOM

Tightness level	IP 65
Impact resistance	IP 10
Frequency range	200Hz – 7000Hz
Internal speaker amplifier	10W class D
Microphone technology	Digital MEMS, omnidirectional microphone
Image Sensor	1/2.5" RGB CMOS
Lens	3.4mm, F3.5, fixed iris, fixed focus 40cm to infinity
Resolution	320x240 / 640x480 pixels
Ethernet connector	M12
Power options	PoE and or external power supply
External power supply	24 VDC
Power consumption	Idle 3.5W, max 12W (depending on volume)
Protocols	IPv4 (with DiffServ), SIP, TCP, UDP, HTTPS, TFTP, RTP, RTSP, RTCP, SRTP, DHCP, SNMP, Vingtor-Stentofon CCoIP®, NTP, ONVIF, WS-Discovery
LAN protocols	Power over Ethernet (IEEE 802.3 a-f) Network Access Control (IEEE 802.1x)