

DATASHEET

XS4 Face: Face Recognition System

XS4 Face recognition enables convenient access for any user of a Salto access point, requiring only their face as a credential.

By eliminating the need for traditional physical keycards or mobile credentials, users can effortlessly gain access to Salto access points using their face. This cutting-edge technology not only streamlines the access process, but also enhances security by eliminating the risk of lost or stolen credentials.



XS4 Face - Camera

TECHNICAL DATA:

Camera dimensions :	81 x 121 x 53 mm 3-3/16" x 4-3/4" x 2-3/32"
Weight:	238 g - 8.4 Oz
Cover material:	ABS Nylon Blend
IP class:	IP66
Certifications:	CE, UKCA, EAC

ELECTRONIC FEATURES:

Power:	5V supplied by the XS4 Face Control Unit.
Connection between camera & control unit:	Supplied XS4 Face-C Cable: CAT6a SSTP LSOH 3m cable (blue).
Firmware update:	n/a
LED status indicator:	Multi colour led to indicate access status.

ELECTRONIC CHARACTERISTICS:

Operating conditions:

	Min	Max	Unit
Temperature:	0	60	°C
	32	140	°F
Humidity:	0	80	%

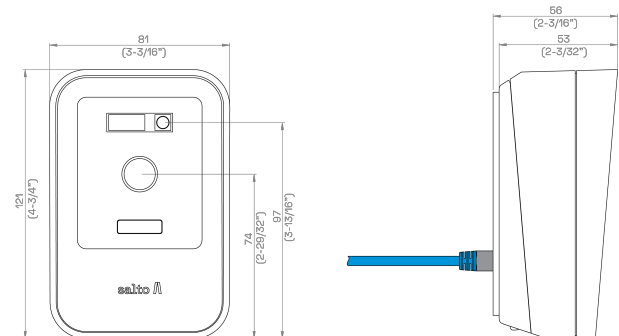
Power consumption:

	TYP	Max	Unit
Camera	360@5v		mA

Cable type and distances:

	Reader
Connection between camera & control unit:	Supplied XS4 Face-C Cable: CAT6a SSTP LSOH 3m cable (blue).

TECHNICAL DRAWING:



CREDENTIAL TECHNOLOGIES:

Face •

FACE PLATE FI-

Black Matt Anodised •

XS4 Face - Control Unit

TECHNICAL DATA:

Control Unit dimensions :	109 x 45 x 150 mm 4-19/64" x 1-49/64" x 5-29/32"
Weight:	425 g - 15 Oz
Cover material:	Silver Anodised Aluminium
IP class:	n/a
ADA support:	n/a
Certifications:	CE, UKCA, EAC

ELECTRONIC FEATURES:

Power:	12v 1.5A 18w.
Connection between camera & control unit:	Supplied XS4 Face-C Cable: CAT6a SSTP LSOH 3m cable (blue).
Firmware update:	Via XS4 Face server.
LED indicators:	On RJ45 connectors.

ELECTRONIC CHARACTERISTICS:

Operating conditions:

	Min	Max	Unit
Temperature:	0	60	°C
	32	140	°F
Humidity:	0	80	%

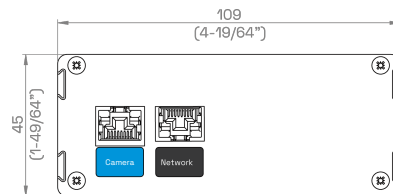
Power consumption:

	Min	Max	Unit
Control Unit		415@12v	mA

Cable type and distances:

	Reader
Control Unit to Server CAT5	100m 328ft

TECHNICAL DRAWING:



COVER STICKER FINISH:

Connection IDs are anoprinted.

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NETWORK CONFIGURATION

ITEM	REQUIREMENT
VLAN	An isolated (V)LAN is required for all cameras and locks.
Physical Characteristics	Cat 5e or Cat 6 network with Gigabit switches.
IP Subnet	Must be large enough to allocate addresses to all locks, camera units and servers/controllers. Must NOT BE in the range: 172.31.255.0/24
Outbound Ports	Restrict to: 123 - NTP 443 - HTTPS/TLS 8883 - MQTT / mTLS Should also only permit XS4 Face servers to access outbound ports. XS4 Face devices do not require access outside of the VLAN.
DHCP	DHCP is required to provide IP addresses to XS4 Face Devices. The XS4 Face server must have a reserved IP address that cannot change once XS4 Face devices have been commissioned.
DNS	XS4 Face Server will require access to DNS.

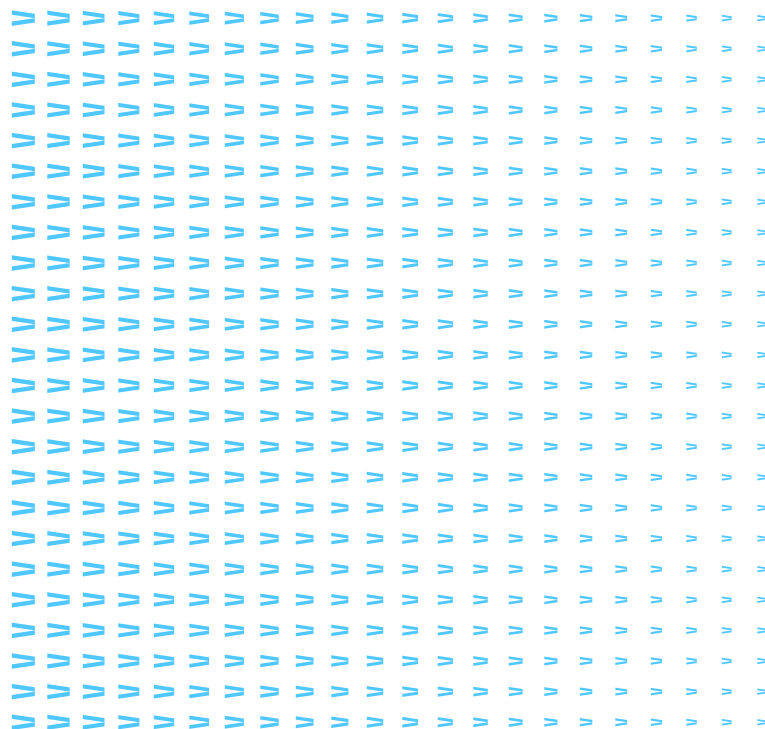
ITEM	REQUIREMENT
Maximum cameras per server	350 cameras per server, based on 350 concurrent access requests (i.e. within a ten second window), where all requests receive a sub two second response time.
CPUs / Memory (for maximum number of cameras)	Min. 3.6 GHz 16vCPU 32GB Memory. This will provide a sub two second response time for all users when requests are made from all 350 cameras concurrently (i.e. within a 10 second window).
Storage	Mirrored SSD - 480GB Strongly recommended that physical storage is encrypted.
Architecture	IntelAMD x64
Operating System	Ubuntu Minimal Install 24.04 LTS The install process will harden the server installing and configuring a firewall and OS updates.
Access Control System	For Integration with SPACE (Space minimum version 6.9 with SPACE) OPT-0018 (SHIP interface).

Salto Systems.

Get in touch with our team.

Give us a brief summary of your needs, your next project and we'll get back to you.

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TECHNICAL SPECIFICATIONS -
DATASHEET-XS4 FACE

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