

X-Station 2

Guía de usuario de

Version 1.02

Español

ES 102.00.XS2 V1.02A

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Instrucciones de seguridad

Lea estas instrucciones de seguridad antes de utilizar el producto para evitar lesiones personales y a otras personas, y para evitar daños a la propiedad. El término "producto" en este manual se refiere al producto y a cualquier artículo que se entregue con el producto.

Íconos de instrucciones



Advertencia: Este símbolo indica situaciones que pueden causar la muerte o lesiones graves.



Precaución: Este símbolo indica situaciones que pueden causar lesiones moderadas o daños a la propiedad.



Nota: Este símbolo indica notas o información adicional.



Advertencia

Instalación

No instale ni repare el producto arbitrariamente.

- Esto puede provocar descargas eléctricas, incendios o daños en el producto.
- Los daños causados por cualquier modificación o incumplimiento de las instrucciones de instalación pueden anular la garantía del fabricante.

No instale el producto en un lugar con luz solar directa, humedad, polvo, hollín ni fuga de gas.

- Esto puede provocar una descarga eléctrica o un incendio.

Instale el producto en un lugar bien ventilado y fresco, lejos de la luz directa del sol, a fin de evitar el sobrecalentamiento cuando se instala en áreas exteriores.

No ponga el producto dentro de un gabinete sellado cuando lo instale en el exterior.

- Aumenta la temperatura interna del gabinete y puede provocar descargas eléctricas, incendios o fallas.

No instale el producto en una ubicación con calor proveniente un calefactor eléctrico.

- Esto puede provocar un incendio debido al sobrecalentamiento.

Instale el producto en una ubicación seca.

- La humedad y los líquidos pueden provocar descargas eléctricas o daños en el producto.

No instale el producto en un lugar donde se vea afectado por las frecuencias de radio.

- Esto puede provocar un incendio o daños en el producto.

Funcionamiento

Mantenga el producto seco.

- La humedad y los líquidos pueden provocar descargas eléctricas, incendios o daños en el producto.

No utilice adaptadores de poder dañados, enchufes ni tomas eléctricas sueltas.

- Las conexiones inseguras pueden provocar descargas eléctricas o incendios.

No doble ni dañe el cable de alimentación.

- Esto puede provocar una descarga eléctrica o un incendio.



Precaución

Instalación

No instale el producto bajo la luz solar o la luz UV directas.

- Esto puede causar daños, mal funcionamiento, decoloración o deformación del producto.

No instale el cable de la fuente de alimentación en una ubicación por el que pasen personas.

- Esto puede causar lesiones o daños al producto.

No instale el producto cerca de objetos altamente magnéticos, como imanes, televisores, monitores (especialmente, los que cuentan con tubos de rayos catódicos) o altavoces.

- Es posible que el producto no funcione correctamente.

Mantenga las distancias mínimas entre los productos cuando instale varios de ellos.

- Es posible que el producto esté afectado por frecuencias de radio emitidas por otros productos y que no funcione correctamente.

Utilice solo una de fuente de alimentación de CC de 24 V y 800 mA o superior, o bien CC de 12 V y 1500 mA o superior.

- Si no se utiliza la fuente de alimentación adecuada, el producto podría presentar fallas.

Utilice una fuente de alimentación independiente para el Secure I/O 2, la cerradura eléctrica y el producto.

- Si se conecta y utiliza la misma fuente de alimentación, es posible que el producto no funcione correctamente.

No conecte ni utilice la fuente de alimentación y la alimentación a través de Ethernet (PoE) simultáneamente.

- Es posible que el producto no funcione correctamente.

Asegúrese de que la cubierta del cable esté completamente cerrada después de conectarla al producto para mantener las características de resistencia al agua y al polvo (clasificación IP65). Se recomienda utilizar una carcasa si el producto se instala en exteriores.

- El producto puede presentar un mal funcionamiento si se dañan las características de resistencia al agua y al polvo.

Funcionamiento

No deje caer el producto ni lo someta a impactos.

- Es posible que el producto no funcione correctamente.

No desconecte la fuente de alimentación mientras actualiza el firmware del producto.

- Es posible que el producto no funcione correctamente.

No divulgue la contraseña a otras personas y cámbiela regularmente.

- Esto puede provocar una intromisión ilegal.

No presione los botones del producto con fuerza ni los presione con una herramienta afilada.

- Es posible que el producto no funcione correctamente.

No almacene el producto en lugares muy calientes ni muy fríos. Se recomienda utilizar el producto a temperaturas entre -20 °C y 50 °C.

- Es posible que el producto no funcione correctamente.

Cuando limpie el producto, tenga en cuenta los siguientes procedimientos.

- Limpie el producto con una toalla limpia y seca.
- Si necesita desinfectar el producto, humedezca el paño o la toallita con una cantidad adecuada de alcohol isopropílico y limpie con suavidad todas las superficies expuestas, incluido el sensor de huellas dactilares. Utilice alcohol isopropílico (que contenga un 70 % de alcohol isopropílico) y un paño limpio y no abrasivo, como un paño para limpiar la lente.
- No aplique líquido directamente sobre la superficie del producto.

No utilice el producto para ningún otro uso que no sea el previsto.

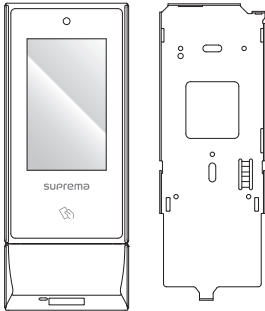
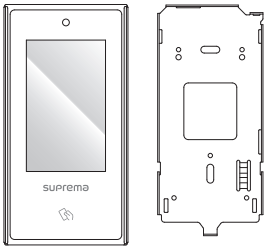
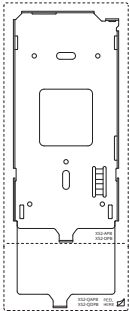



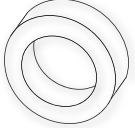



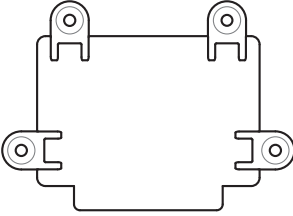



- Es posible que el producto no funcione correctamente.

Batería RTC

Reemplazar la batería por una de un tipo incorrecto podría provocar una explosión. Deseche las baterías de acuerdo con las normas regionales o internacionales correspondientes en materia de residuos.

Introducción

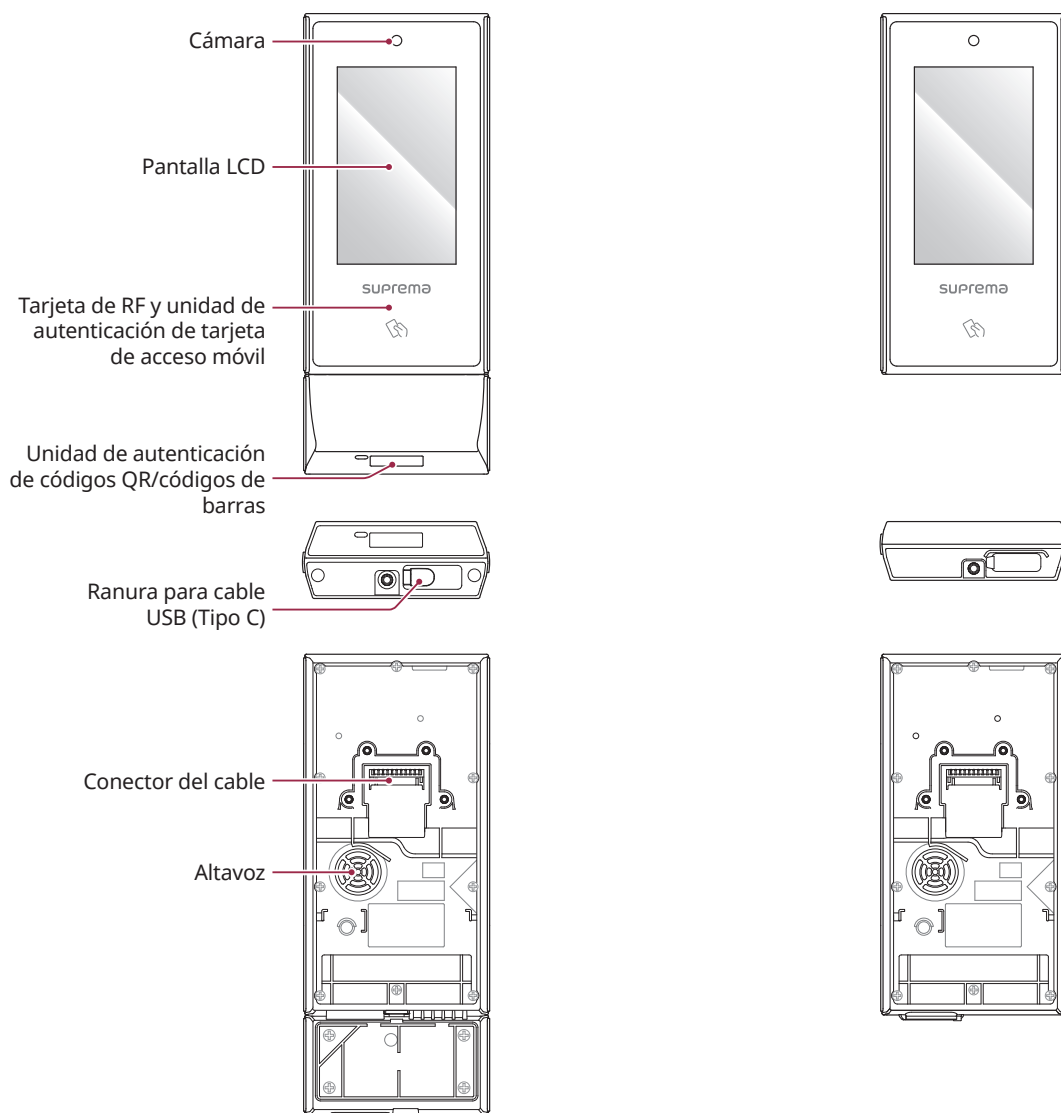
Componentes

			
<p>Dispositivo y soporte de pared (XS2-QAPB, XS2-QDPB)</p>	<p>Dispositivo y soporte de pared (XS2-APB, XS2-DPB)</p>	<p>Plantilla de perforación</p>	
			
<p>Cables</p>	<p>Diodo</p>	<p>Resistencia de 120 Ω</p>	
			
<p>Núcleo de ferrita</p>	<p>Anclaje PVC x 2</p>	<p>Tornillo de fijación x 2</p>	<p>Tornillo de fijación del soporte (Tipo estrella)</p>
			
<p>Cubierta de cable</p>	<p>Termoretráctil</p>	<p>Guía rápida</p>	<p>Guía de software de código abierto</p>



- Los componentes podrían variar según el entorno de instalación.
- Al montar el producto con el soporte, puede utilizar el tornillo de fijación (tipo estrella) incluido con el soporte en lugar del tornillo de fijación del producto para mejorar la seguridad.
- Para obtener contenido adicional sobre la instalación del producto, visite el sitio web de Suprema (<https://www.supremainc.com>) y consulte la guía de instalación.

Nombre y función de cada pieza

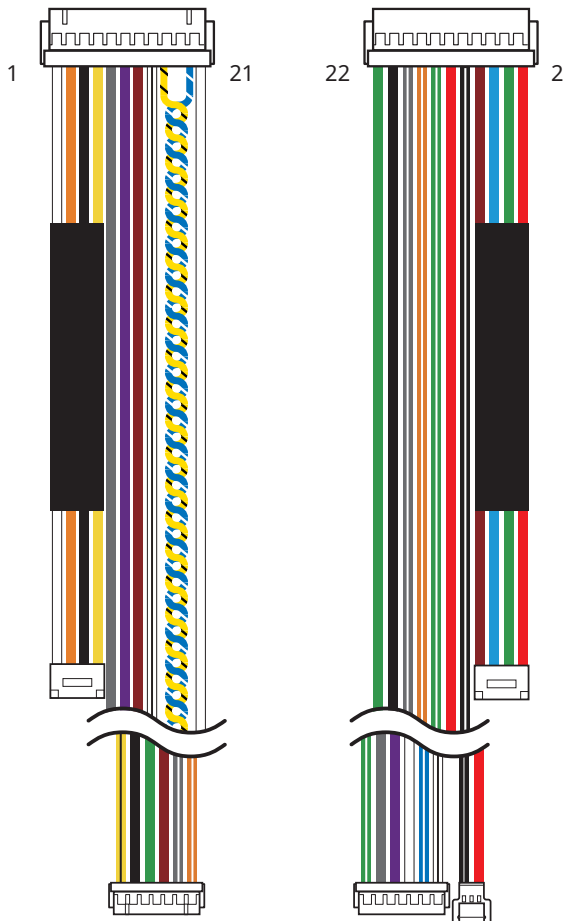


Nombre	Descripción
Cámara	Captura imágenes reales.
Pantalla LCD	Proporciona la Interfaz de Usuario (IU) para operación.
Tarjeta de RF y unidad de autenticación de tarjeta de acceso móvil	Parte para escanear una tarjeta RFID o una tarjeta de acceso móvil de entrada.
Unidad de autenticación de códigos QR/códigos de barras	Parte para escanear un código QR o un código de barras de entrada.
Ranura para cable USB (Tipo C)	Conecta el cable USB.
Conector del cable	Conecta los cables. <ul style="list-style-type: none"> • Fuente de alimentación • Ethernet + PoE • RS-485 • Entrada y salida Wiegand • Entrada TTL • Contacto
Altavoz	Transmite el sonido.



- Solo los modelos XS2-QAPB y XS2-QDPB admiten la autenticación de código QR/código de barras.

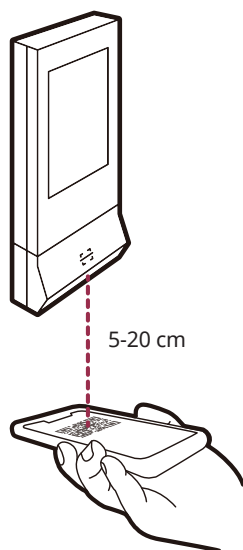
Cables y conectores



Cable	PIN	Nombre	Color
RJ-45 (Ethernet + PoE)	1	ENET TXP	Blanco
	3	ENET TXN	Naranja
	5	ENET RXP	Negro
	7	ENET RXN	Amarillo
Entrada TTL	9	TIERRA DE TTL	Gris
	11	ENTRADA TTL 0	Púrpura
	13	ENTRADA TTL 1	Café
RS-485	15	TIERRA DE 485	Blanco (banda negra)
	17	485 TRXN	Amarillo (banda negra)
	19	485 TRXP	Azul (banda blanca)
Wiegand	21	WG D1	Blanco
	22	WG D0	Verde
	20	TIERRA DE WG	Negro
Relé	18	CONTACTO NORMALMENTE ABIERTO	Gris (banda blanca)
	16	CONTACTO NORMALMENTE CERRADO	Naranja (banda blanca)
	14	COMÚN DE RELÉ	Verde (banda blanca)
Alimentación	12	ENERGÍA +VCC	Rojo
	10	TIERRA GENERAL	Negro (banda blanca)
RJ-45 (Ethernet + PoE)	8	VB2	Café
	6	VB2	Azul
	4	VB1	Verde
	2	VB1	Rojo

Cómo escanear un código QR o un código de barras

Puede enviarle un código QR o código de barras a un usuario y utilizarlo como método de autenticación. Escanee el código QR o código de barras correctamente, siguiendo las instrucciones en la pantalla, para aumentar la tasa de reconocimiento.




- Mantenga una distancia de 5 a 20 cm entre la unidad de autenticación de código de barras/QR del dispositivo y el código de barras/QR.
- Sostenga el teléfono inteligente con la pantalla mirando hacia la unidad de autenticación del código de barras/QR y coloque el haz de guía en el centro del código QR.
- Cuando autentique con el código QR o el código de barras descargado en su teléfono inteligente, ajuste el brillo del teléfono para que el dispositivo pueda leer claramente el código QR o el código de barras.
- Si no sigue las instrucciones que aparecen en la pantalla, puede tardar mucho tiempo en escanear el código QR o el código de barras, o puede fallar.

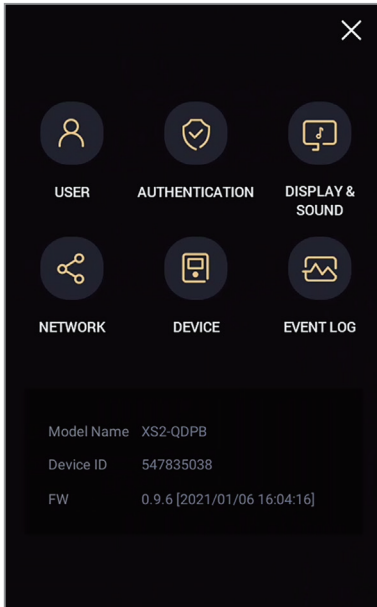


- Solo los modelos XS2-QAPB y XS2-QDPB admiten la autenticación de código QR/código de barras.
- Puede emitir códigos QR solo en BioStar 2. Para obtener más información sobre cómo emitir un código QR o un código de barras, consulte el manual del administrador de BioStar 2.

Menú de administración

Todos los menús

- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Seleccione el menú que desee.




Si no se ha designado un administrador, aparecerá la pantalla del menú cuando presione .

Usuario

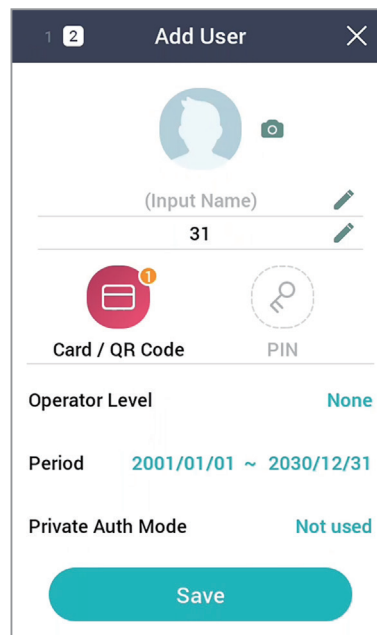
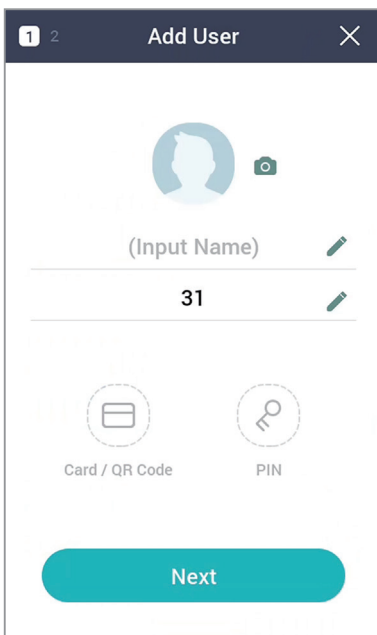
Registrar información de usuario




Se puede registrar la información del usuario, incluidas las credenciales.

1 Presione  y realice la autenticación con la credencial de nivel administrador.

2 Seleccione **USER** → , y elija una credencial que desea registrar.

Hay dos pasos para el registro del usuario. Algunas opciones están disponibles después que la credencial se ha registrado.



-  : Tome una fotografía del usuario con la cámara incorporada.
- **Name:** Ingrese el nombre de usuario.
- **ID:** Ingrese un número entre 1 y 429467295 para registrarlo como ID del usuario. Si User ID Type (Tipo de ID del usuario) se establece como Alphanumeric (Alfanumérico), se puede utilizar una combinación de caracteres alfanuméricos y símbolos (, -) para el identificador. Se pueden ingresar hasta 32 caracteres.
- **Card / QR Code:** Registre una tarjeta para la autenticación del usuario. Presione  y escanee la tarjeta que se le asignará al usuario. Para registrar una tarjeta adicional, presione  otra vez. Puede emitir códigos QR solo en BioStar 2.
- **PIN:** Ingrese el PIN que desea utilizar. Luego vuelva a ingresar el mismo PIN para confirmarlo. Ingrese un número de entre 4 y 16 dígitos para evitar problemas de seguridad.
- **Operator Level:** Seleccione el nivel que desea asignarle al usuario.



Los menús disponibles podrían variar según el nivel establecido del usuario.




- **None:** Este es el nivel de usuario general y no se puede acceder a los menús.
- **Administrator:** Se puede acceder a todos los menús.
- **Configuration:** Se puede acceder a los menús **AUTHENTICATION, DISPLAY & SOUND, NETWORK, DEVICE, y EVENT LOG.**
- **User Management:** Se puede acceder al menú **USER y EVENT LOG.**

- **Period:** Establezca una fecha de vencimiento para utilizar la cuenta del usuario.

- **Access Group:** Seleccione un grupo de acceso para el usuario. Los grupos de acceso solo se pueden registrar en la plataforma BioStar 2.
- **Private Auth Mode:** Cambie el método de autenticación de acuerdo con el usuario.

Modificar información del usuario

Un Administrador o un gestor de Usuarios puede modificar la información registrada de un usuario. Se puede agregar una tarjeta, así como modificar el PIN y el nivel.



- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Presione **USER** → .
- 3 Seleccione los términos de búsqueda. Puede buscar un usuario por **All**, **User ID**, **Name**, y **Card / QR Code**.
- 4 Seleccione el usuario que desee modificar.
- 5 Si desea modificar la información, consulte **Registrar información de usuario** y presione **OK**.
 - Para eliminar un usuario, seleccione  y, luego, presione **OK**.



Access Group can be registered in BioStar 2. For detailed contents regarding registering an access group, refer to the BioStar 2 Administrator Manual.



Borrar a todos los usuarios

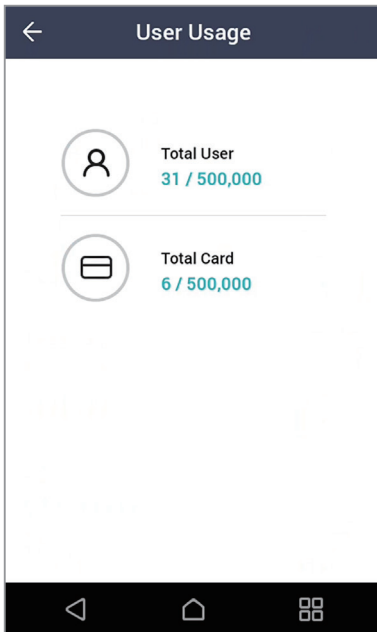
Puede borrar a todos los usuarios registrados de una vez.

- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Seleccione **USER** → .
- 3 Marque **Delete All** para eliminar todos los usuarios registrados y presione **OK**.
- 4 Después de presionar **OK**, se borrarán todos los usuarios registrados.

Ver uso del usuario

Puede observar la cantidad de usuarios registrados y las tarjetas a simple vista.

- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Seleccione **USER** → . Aparece la información de uso del usuario.






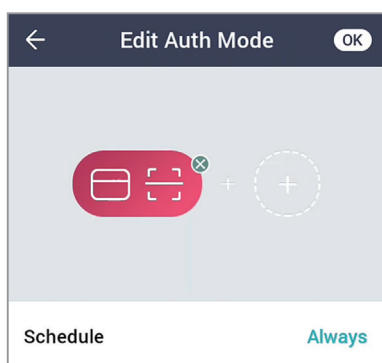
Autenticación

Modo de autenticación






Modificación del modo de autenticación

Puede establecer el método de autenticación y programarlo de acuerdo con cada credencial. Puede configurar hasta 3 modos de autenticación.

- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Seleccione **AUTHENTICATION** → **Auth Mode**.
- 3 Seleccione el modo de autenticación que desea modificar.
- 4 Cuando presiona , se elimina la credencial seleccionada y cuando presiona , aparecen en la pantalla las credenciales disponibles que se van a agregar.



- 5 Establezca el modo de autenticación deseado y seleccione una programación.



Categoría	Descripción
Tarjeta/Código QR	<ul style="list-style-type: none"> •  : Modo para utilizar solo una tarjeta o un código QR. •  +  : Modo para realizar la autenticación con una tarjeta o un código QR y, luego, ingresar el PIN.
ID de usuario	<ul style="list-style-type: none"> •  +  : Modo para ingresar el ID y, luego, ingresar el PIN.

- 6 Después de presionar **OK**, se guarda la configuración.






- La imagen del ícono puede variar según el modelo que utilice.
- En la plataforma BioStar 2 se pueden establecer horarios. Si no hay una programación establecida, solo se puede seleccionar.
- Para ver información detallada sobre el establecimiento de una programación, consulte el manual del administrador de la plataforma BioStar 2.

Eliminar el modo de autenticación


- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Seleccione **AUTHENTICATION** → **Auth Mode**.
- 3 Presione  y seleccione el modo de autenticación que desea eliminar. Puede seleccionar varias opciones.
- 4 Presione **OK**. Para eliminar la opción seleccionada, presione **OK**. O presione **Cancel** para cancelar la eliminación.

Agregar un modo de autenticación

Puede registrar hasta 3 modos de autenticación.

- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Presione **AUTHENTICATION** → **Auth Mode**.
- 3 Presione .
- 4 Para establecer el modo de autenticación deseado, presione , y, luego, seleccione una programación.
- 5 Después de presionar **OK**, se agrega el modo de autenticación.


Funcionamiento

- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Presione **AUTHENTICATION** y luego modifique los elementos que aparecen debajo de **Operation**.

Operation	
Face Detection	Not Used
Auth Timeout	10 Sec
Server Matching	<input type="checkbox"/>

- **Face Detection:** Cuando se establece el reconocimiento facial, X-Station 2 puede detectar el rostro real, y la autenticación solo se puede realizar cuando se detecta un rostro después de haber realizado la autenticación con una tarjeta, el código QR o el PIN.
- **Auth Timeout:** Si la autenticación no finaliza durante un tiempo establecido, la autenticación fallará. Puede establecer un tiempo de entre 3 y 20 segundos.
- **Server Matching:** Cuando se establece la autenticación en servidor, la autenticación del usuario no se realiza en el dispositivo, sino en la plataforma BioStar 2. La Autenticación en Servidor puede ser útil cuando hay una gran cantidad de información del usuario en el dispositivo o cuando prefiere no exponer públicamente el dispositivo donde las credenciales de usuario son guardadas.

Funcionamiento de códigos QR/códigos de barras


- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Presione **AUTHENTICATION** y, luego, modifique los elementos que aparecen debajo de **QR/Barcode Operation**.

QR/Barcode Operation	
QR/Barcode	<input checked="" type="checkbox"/>
QR/Barcode Scan Timeout	4 Sec


- **QR/Barcode:** Se configura para autenticar con códigos QR o códigos de barras.
- **QR/Barcode Scan Timeout:** Si no escanea el código QR o el código de barras dentro del tiempo establecido, la autenticación fallará. Puede establecer un tiempo de entre 4 y 10 segundos.

Modo de Tiempo & Asistencia (T&A)

Puede elegir como utilizar el Modo de Tiempo & Asistencia (T&A).


- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Presione **AUTHENTICATION** y, luego, modifique los elementos que aparecen debajo de **T&A Mode**.

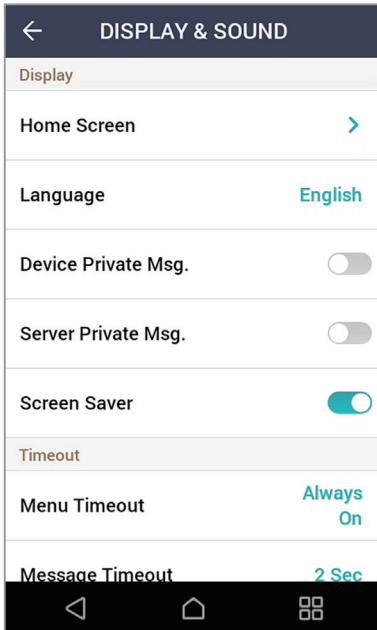
T&A Mode	
T&A Mode	Fixed
T&A Code	0
Fixed T&A Key	Code 1(In)
Job Code	<input type="checkbox"/>

- 3 Seleccione y ajuste el elemento deseado.
 - **T&A Mode:** Configure el método para utilizar el Modo de Tiempo & Asistencia (T&A).
 - **T&A Code:** Puede registrar eventos de T&A. Seleccione **T&A Code** →  para registrar un evento de T&A y establecer un ícono, el nombre del evento y el programa.
 - **T&A Required:** Configure esta opción para exigir que un usuario seleccione un evento de Tiempo & Asistencia (T&A) durante la autenticación.
 - **Fixed T&A Key:** Se establece para utilizar solo un evento de Tiempo & Asistencia (T&A) seleccionado por el administrador. Esta opción se puede utilizar cuando se configura **Fixed** para **T&A Mode**.
 - **Job Code:** Seleccione si desea utilizar o no un **Job Code**.
- 4 Para guardar la configuración, presione **OK**.

Pantalla y Sonido

Puede cambiar la configuración de pantalla y sonido del dispositivo.

- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Presione **DISPLAY & SOUND**.
- 3 Cambie el elemento deseado.



- **Home Screen:** Seleccione los elementos que desea que aparezcan en el fondo de la pantalla de inicio.
- **Language:** Configure el idioma que desea utilizar.
- **Device Private Msg.:** Establezca si desea utilizar o no un mensaje privado, el que aparecerá en la pantalla cuando el usuario se autentique. Puede configurar **Device Private Msg.** mediante el SDK de dispositivos BioStar 2.
- **Server Private Msg.:** Establezca si desea utilizar o no un mensaje privado, el que aparecerá en la pantalla cuando el usuario se autentique. Puede establecer el **Server Private Msg.** mediante el uso de la API BioStar 2. Si no se establece en el servidor, el dispositivo no muestra un mensaje cuando la autenticación se realiza correctamente, incluso si la opción **Server Private Msg.** está activada en el dispositivo.
- **Screen Saver:** Establezca esta opción para usar la función de protector de pantalla. Disminuye el consumo de energía innecesario mediante la reducción del brillo de la pantalla LCD cuando el dispositivo no está en uso.
- **Menu Timeout:** Configure el tiempo (segundos) para que la pantalla del menú desaparezca automáticamente. Si no utiliza ningún botón durante un tiempo establecido, la pantalla volverá a la pantalla de inicio.
- **Message Timeout:** Configure el tiempo (segundos) para que un mensaje completo de configuración o de información desaparezca automáticamente.
- **Backlight Timeout:** Configure el tiempo (segundos) para apagar la iluminación de la pantalla LCD.
- **Voice Instruction:** Configure el uso de instrucciones de voz en lugar de sonidos de alarma.
- **Volume:** Configure el volumen.




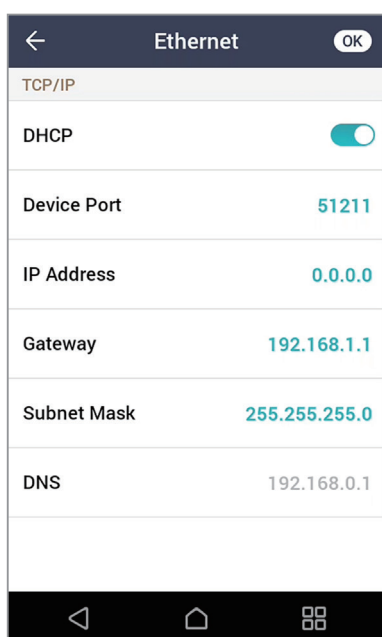
• Consulte la página web del SDK de dispositivos BioStar 2 en el sitio web de la Base de conocimientos de Suprema (kb.supremainc.com/bs2sdk/) para obtener más información sobre el SDK de dispositivos BioStar 2.

Configuración de red

Puede cambiar la configuración de red del dispositivo.


Ethernet

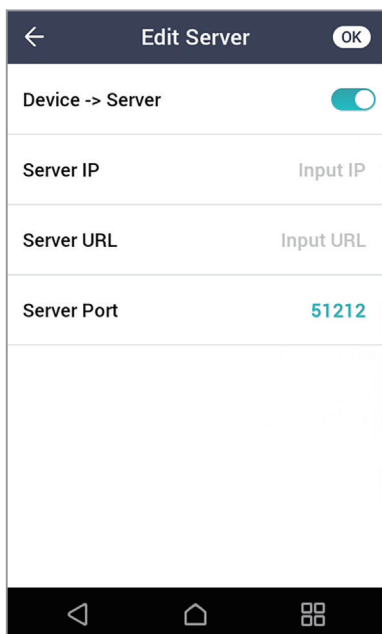
- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Seleccione **NETWORK** → **Ethernet**.
- 3 Cambie el elemento deseado.



- **DHCP:** Establezca si va a utilizar DHCP o no. Si el ajuste de DHCP está desactivado, el usuario puede modificar las opciones **Port**, **IP Address**, **Gateway**, **Subnet Mask**, y **DNS**.
 - **Device Port:** Configure el puerto del dispositivo.
 - **IP Address:** Vea la dirección IP del dispositivo. Para modificar, desactive el ajuste DHCP.
 - **Gateway:** Vea la puerta de enlace del dispositivo. Para modificar, desactive el ajuste DHCP.
 - **Subnet Mask:** Vea la máscara de subred del dispositivo. Para modificar, desactive el ajuste DHCP.
 - **DNS:** Configure la dirección del servidor DNS.
- 4 Para guardar la configuración, presione **OK**.

Servidor


- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Presione **NETWORK** → **Server**.
- 3 Cambie el elemento deseado.



- **Device** → **Server**: Puede enviar directamente una señal de conexión desde el dispositivo a un servidor con la información de ingreso. Al seleccionar **Server** → **Device**, no se puede ingresar **Server IP**, **Server URL** ni **Server Port**.
- **Server IP**: Ingrese la dirección IP de la computadora en la que está instalada la plataforma BioStar 2. El ingreso solo se acepta cuando **Device** → **Server** se establece en **Connection Mode**.
- **Server URL**: Ingrese la dirección URL del servidor en lugar de la **Server IP**. El ingreso solo se acepta cuando **Device** → **Server** se establece en **Connection Mode**.
- **Server Port**: Ingrese el puerto de la computadora en la que está instalada la plataforma BioStar 2. El ingreso solo se acepta cuando **Device** → **Server** se establece en **Connection Mode**.

- 4 Para guardar la configuración, presione **OK**.

Configuración serial

- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Seleccione **NETWORK**.
- 3 Cambie el elemento deseado.

Serial Setting	
RS-485	Default
Baud Rate	115200


- **RS-485**: Seleccione el modo RS-485.
- **Baud Rate**: Seleccione la velocidad en baudios deseada.

- 4 Para guardar la configuración, presione **OK**.

Dispositivo


Relé

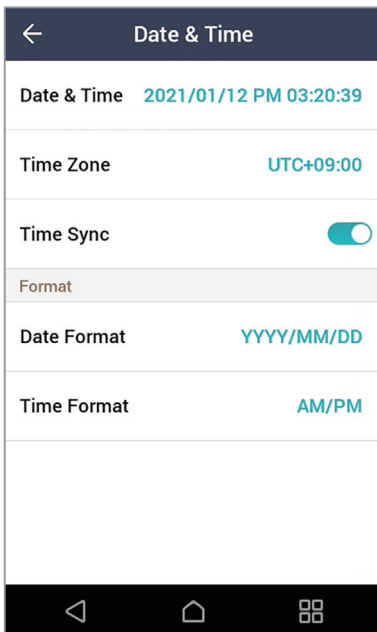
Puede establecer el tiempo de apertura y el puerto de entrada del botón de salida en el dispositivo.

- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Seleccione **DEVICE** → **Relay**.
 - **Relay:** Puede configurar si el relé se habilita o no. Active esta opción para definir el tiempo de apertura y el puerto de entrada para el botón de salida.
 - **Open Time:** Configure la duración en que la puerta permanecerá abierta cuando se realiza la autenticación de usuario estándar.
 - **Exit Button:** Seleccione el puerto de entrada al que se conecta el botón de salida.
 - **Switch:** Seleccione el tipo de relé (normalmente abierto o normalmente cerrado).

Fecha y hora

Puede establecer la fecha y la hora. Configure la fecha y la hora con precisión para recopilar datos de registro precisos.



- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Seleccione **DEVICE** → **Date & Time**.
- 3 Cambie el elemento deseado.

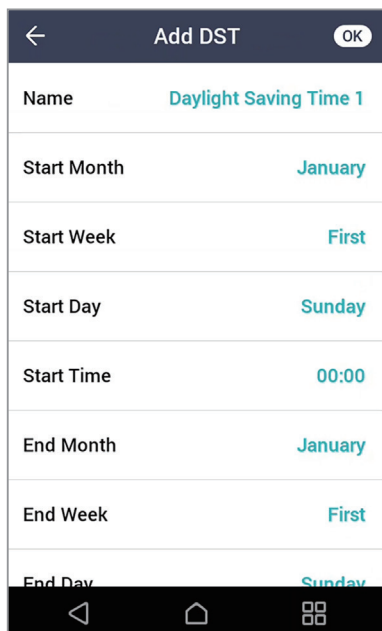


- **Date & Time:** Compruebe la fecha y la hora actuales. Para modificarla manualmente, desactive **Time Sync**.
- **Time Zone:** Configure la referencia de hora de la ubicación actual.
- **Time Sync:** Synchronize the server and the time. sincronice el servidor y la hora. Si desea sincronizar el servidor y la hora, active **Time Sync**.
- **Date Format:** Configure el formato de la fecha. Puede seleccionar entre **YYYY/MM/DD**, **MM/DD/YYYY** y **DD/MM/YYYY**.
- **Time Format:** Configure el formato de la hora. Puede seleccionar **24-Hour** o **AM/PM**.

Horario de verano

Puede utilizar el dispositivo y aplicar un horario de verano. Configure correctamente la hora de inicio y finalización.

- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Seleccione **DEVICE** → **Daylight Saving Time** y presione  para agregar un horario de verano.
- 3 Seleccione el elemento deseado y cambie la configuración.




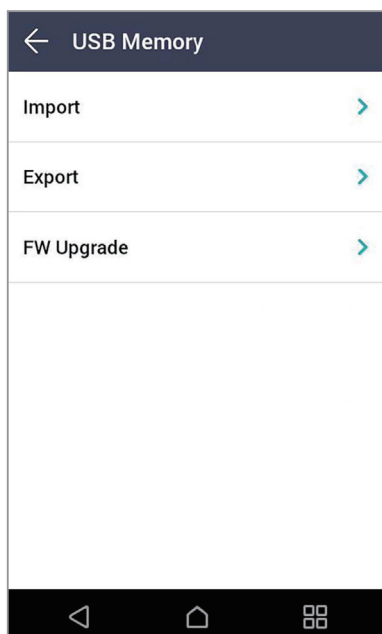
Add DST	
Name	Daylight Saving Time 1
Start Month	January
Start Week	First
Start Day	Sunday
Start Time	00:00
End Month	January
End Week	First
End Day	Sunday

- **Name:** Escriba el nombre del horario de verano.
 - **Start Month / Start Week / Start Day / Start Time:** Establezca los detalles de cuándo comienza la opción de horario de verano.
 - **End Month / End Week / End Day / End Time:** Establezca los detalles de cuándo finaliza el horario de verano.
- 4 Para guardar la configuración, presione **OK**.

Memoria USB

Conecte la memoria USB e importe la información del usuario al dispositivo o exporte el registro y la información del usuario desde el dispositivo. Actualice el firmware.

- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Seleccione **DEVICE** → **USB Memory**.
- 3 Seleccione el elemento deseado y cambie la configuración.



- **Import:** Importe la información del usuario desde la memoria USB conectada.
- **Export:** Seleccione la información que desea exportar a la memoria USB conectada.
- **FW Upgrade:** Actualice el firmware si los archivos de firmware están guardados en la memoria USB conectada.




El tipo de memoria USB admitida es el siguiente. Si utiliza un tipo diferente de memoria USB, la función podría presentar un funcionamiento irregular.

- Samsung Electronics: SUM-LSB 8 GB, SUM-PSB 8 GB, SUM-PSB 16 GB, SUM-BSG 32 GB
- LG Electronics: XTICK J3 WINDY 8 GB, SMART USB MU1 White 8 GB, MU 1 USB 32 GB, MU28GBC 32 GB, XTICK MOBY J1 16 GB
- SanDisk: Cruzer 16 GB, Cruzer Blade CZ50 4 GB, Cruzer Blade CZ50 32 GB, CZ48 Ultra USB 3.0 64 GB, CZ80 USB3.0 64 GB, CZ52 64 GB, Cruzer Glide Z60 128 GB, Cruzer Force CZ71 32 GB
- Sony: Micro Vault Click 8 GB, MicroVault CLICK 16 GB, USM-SA1 32 GB
- Transcend: JetFlash 760 8 GB, JetFlash 760 32 GB, JetFlash 500 8 GB
- Memorette: MINI500 8 GB
- A-DATA: S102 PRO 8 GB
- Trigem Pastel 8 GB


Seguro contra alteraciones (Tamper)

Cuando el seguro se activa, puede configurar las acciones para borrar todos los usuarios, todo el registro y la clave de seguridad.

- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Seleccione **DEVICE**.
- 3 Active el **Secure Tamper** para eliminar los datos de todos los usuarios registrados, todos los registros y las claves de seguridad cuando se produce una alteración.


Reiniciar el dispositivo

El usuario puede reiniciar el dispositivo.

- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Seleccione **DEVICE** → **Restart Device**.
- 3 Para reiniciar el dispositivo, presione **OK**. Para volver a la pantalla anterior, presione **Cancel**.

Restablecer valores predeterminados

Se restablecerá la configuración del dispositivo, la configuración de la red y los niveles del operador.


- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Seleccione **DEVICE** → **Restore Default**.
 - **All settings**: Puede restablecer todas las configuraciones almacenadas en el dispositivo. Presione **OK** para restablecer todas las configuraciones del dispositivo.
 - **Keep Network Settings**: Puede restablecer todas las configuraciones excepto la configuración de red. Presione **OK** para restablecer todas las configuraciones excepto la configuración de red.
 - **Factory Default**: Puede borrar toda la información guardada en el dispositivo certificado root y restablecer la configuración predeterminada.
 - **Delete the Root Certificate**: Puede borrar el certificado raíz guardado en el dispositivo.
- 3 Si restablece los valores predeterminados, el dispositivo se reiniciará.



- Cuando se produce un restablecimiento, también se restablece el nivel de operador. Después de restablecer, asegúrese de volver a configurar el nivel de operador.
- La configuración de idioma no cambia después del restablecimiento.
- El menú **Factory Default** se puede utilizar cuando el certificado raíz está guardado en el dispositivo.
- El menú **Delete the Root Certificate** solo se puede utilizar cuando el certificado raíz está guardado en el dispositivo y se designó un administrador.

Tipo de ID de usuario



Puede establecer el tipo de ID de usuario que se registrará en el dispositivo en una combinación de caracteres alfabéticos, números y símbolos (_ , -).

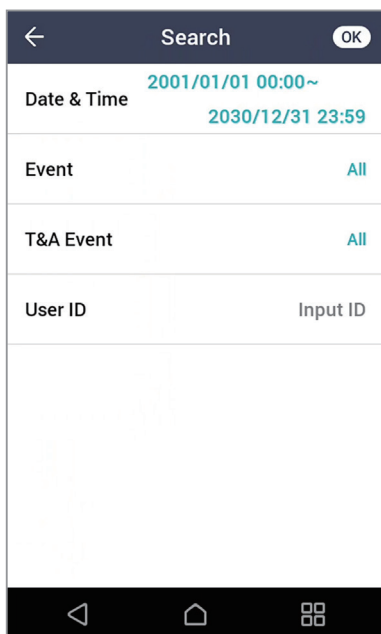
- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Seleccione **DEVICE** → **User ID Type**.
- 3 Cambie el elemento deseado y presione **OK**.

Registro de eventos

Buscar registro

Puede establecer una condición y buscar un registro.



- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Seleccione **EVENT LOG**. Aparecerán los registros de todos los eventos.
- 3 Presione  para buscar un registro específico y cambiar la condición.



- 4 Presione **OK**. Aparecerá en la pantalla un registro que coincida con la condición.



Borrar todos los registros

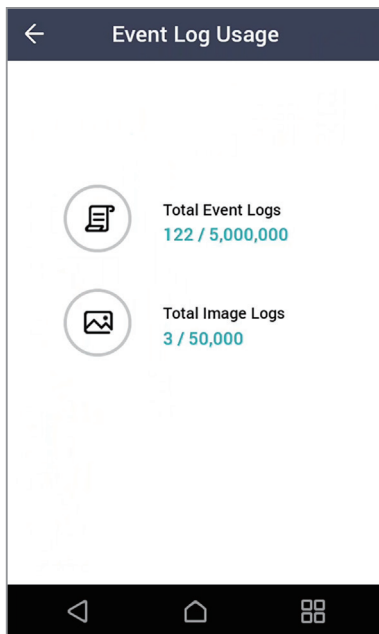
Puede borrar todos los registros guardados.

- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Seleccione **EVENT LOG**.
- 3 Para eliminar todos los registros, seleccione  y, luego, presione **OK**. Para volver a la pantalla anterior, presione **Cancel**.

Ver el uso del registro

Puede comprobar el estado de uso del registro.

- 1 Presione  y realice la autenticación con la credencial de nivel administrador.
- 2 Seleccione **EVENT LOG** → . Puede comprobar la capacidad de los registros de eventos e imágenes en el dispositivo.



Solución de problemas

Lista de comprobación antes de informar una falla

Categoría	Problema	Solución
Alimentación	Se suministra alimentación, pero el dispositivo no funciona.	<ul style="list-style-type: none">• Si el terminal y el bracket están alejados entre sí, es posible que el dispositivo no funcione debido al interruptor contra alteraciones.• Revise el adaptador o el cable de alimentación.
PIN	Perdí mi PIN.	<ul style="list-style-type: none">• En el caso del PIN de un usuario normal, solicítelo al administrador y vuelva a ingresarlo.• Si perdió el PIN de administrador, comuníquese con la empresa de instalación.
	Ingresé mi PIN y presioné el botón OK (Aceptar), pero todavía no puedo abrir la puerta.	<ul style="list-style-type: none">• Compruebe si ingresó correctamente el PIN registrado.• Compruebe si cambió recientemente el PIN.• Si no puede recordar el PIN, solicítelo al administrador y vuelva a ingresarlo.
Código QR/ Código de barras	No se escanea un código QR o código de barras.	<ul style="list-style-type: none">• Consulte Cómo escanear un código QR o un código de barras y vuelva a intentarlo.• Coloque el haz guía en el centro del código QR.• Ajuste el brillo de su teléfono inteligente para que el dispositivo pueda leer claramente el código QR o el código de barras, y vuelva a intentarlo.• Si el problema persiste, comuníquese con el administrador que emitió el código QR o código de barras.
Cierre de la puerta	La puerta no se bloquea cuando la cierro.	<ul style="list-style-type: none">• La cerradura eléctrica podría funcionar incorrectamente. Haga que la empresa de instalación realice una inspección.
Hora	Repentinamente, la hora es incorrecta.	<ul style="list-style-type: none">• X-Station 2 cuenta con una batería integrada, pero, si no se le suministra energía durante mucho tiempo, esta se podría agotar y hacer que pierda precisión. Para obtener información sobre cómo corregir la hora, consulte Fecha y hora.
Acceso de Administrador	Perdí mi PIN de administrador, por lo que no puedo acceder al modo de administrador.	<ul style="list-style-type: none">• El administrador otorga un permiso de acceso en X-Station 2, por lo que solo él puede acceder al menú Admin (Administrador).• Si perdió el PIN de administrador, comuníquese con la empresa de instalación.

Especificaciones del producto

Category	Feature	Specification
Credencial	Opción de RF	<ul style="list-style-type: none"> XS2-DPB, XS2-QDPB: 125 kHz EM & 13.56 MHz MIFARE, MIFARE Plus, DESFire EV1/EV2*, FeliCa XS2-APB, XS2-QAPB: 125 kHz EM, HID Prox & 13.56 MHz MIFARE, MIFARE Plus, DESFire EV1/EV2*, FeliCa, iCLASS SE/SR/Seos
	Rango de lectura de RF**	MIFARE, DESFire, iCLASS, HID Prox, EM: 50 mm / Felica: 30 mm
	Móvil	NFC, BLE
	Código de barras y código QR	Compatible (XS2-QDPB, XS2-QAPB)
General	CPU	1.5 GHz Quad Core
	Memoria	Memoria flash de 16 GB + 1 GB de RAM
	Chip criptográfico	Compatible
	Tipo de LCD	LCD en color IPS 4"
	Resolución de LCD	480 x 800
	Sonido	24 bits
	Temperatura de funcionamiento	De -20°C a 50°C
	Temperatura de almacenamiento	De -40°C a 70°C
	Operación en humedad	De 0 % a 80 %, sin condensación
	Humedad en almacenamiento	De 0 % a 90 %, sin condensación
	Tipo de cámara	CMOS de 2 M pixeles
	Resolución de la cámara	1600 x 1200
	Dimensión (ancho x alto x largo)	<ul style="list-style-type: none"> XS2-DPB, XS2-APB: 82 mm x 159 mm x 27.2 mm XS2-QDPB, XS2-QAPB: 82 mm x 203 mm x 35.2 mm
	Peso	Dispositivo <ul style="list-style-type: none"> XS2-DPB, XS2-APB: 280 g XS2-QDPB, XS2-QAPB: 343 g Soporte central <ul style="list-style-type: none"> XS2-DPB, XS2-APB: 67 g (incluye arandela y tornillo) XS2-QDPB, XS2-QAPB: 88 g (incluye arandela y tornillo)
Clasificación IP	IP65	
Certificaciones	KC, CE, FCC (Cumplimiento: RoHS, REACH, WEEE)	
Capacity	Usuarios máx.	500,000
	Máximo de tarjetas	500,000
	Máximo de registro de eventos	5,000,000
	Registro de imágenes máximo	50,000
Interface	Ethernet	Compatible (10/100 Mbps, MDI/MDI-X automática)
	RS-485	1 canal host o esclavo (seleccionable)
	Wiegand	1 canal de entrada o salida (seleccionable)
	Entrada TTL	2 canales de entrada
	Relé	1 contacto
	USB	USB 2.0 (Maestro)
	PoE	Compatible (compatible con IEEE 802.3af)
Seguro contra alteraciones (Tamper)	Compatible	

Electrical	Alimentación	<ul style="list-style-type: none"> • Corriente: DC 12 V (Máx. 0.8 A) o DC 24 V (Máx. 0.45 A) • Especificaciones recomendadas para el adaptador: DC 12 V ($\pm 10\%$) con un mínimo de 1500 mA o DC 24 V ($\pm 10\%$) con un mínimo de 800 mA***
	Interruptor entrada VIH	Mínimo: 3 V Máximo: 5 V
	Interruptor entrada VIL	Máximo: 1 V
	Interruptor de resistencia de polarización	4.7 k Ω (Los puertos de entrada están polarizados con 4,7 k Ω).
	Salida Wiegand VOH	Más de 4.8 V
	Salida Wiegand VOL	Menos de 0.2 V
	Resistencia de polarización de la salida Wiegand	Polarización interna de 1 k Ω
	Relé	2 A @ 30 VDC Resistive load 1 A @ 30 VDC Inductive load

* Las tarjetas DESFire EV2 se pueden usar con tarjetas de compatibilidad retroactiva de DESFire EV1. Las funciones de CSN y de tarjeta inteligente son compatibles con X-Station 2.

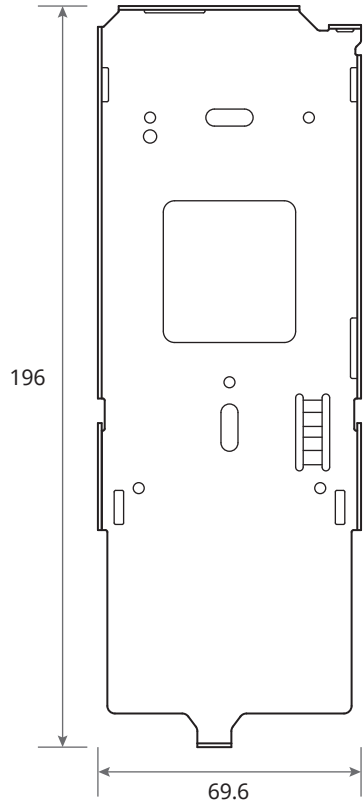
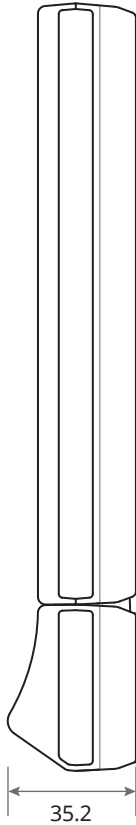
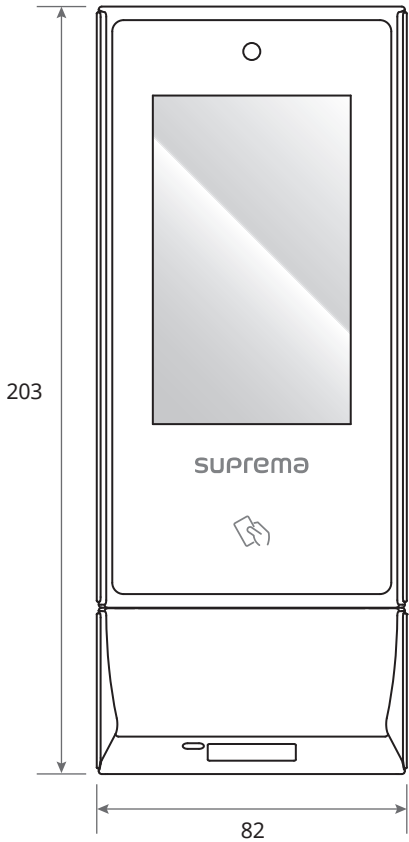
** El rango de lectura de RF varía según el entorno de instalación.

*** El adaptador se vende por separado. Consulte las especificaciones recomendadas.

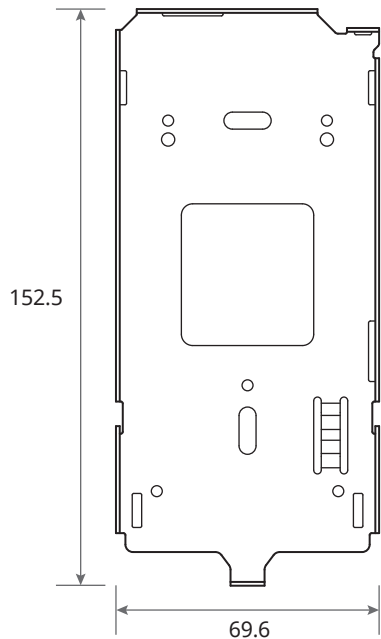
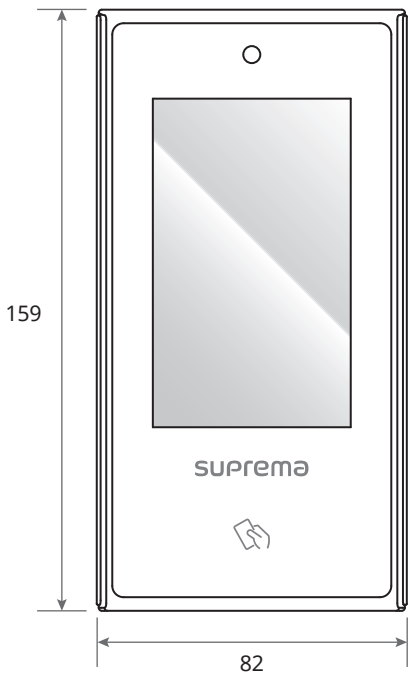
Dimensiones

XS2-QAPB, XS2-QDPB

(Unidad: mm)



XS2-APB, XS2-DPB



Información de cumplimiento de la FCC

ESTE DISPOSITIVO CUMPLE CON LA PARTE 15 DEL REGLAMENTO DE LA FCC.

El funcionamiento está sujeto a las siguientes dos condiciones:

- (1) Este dispositivo no puede causar interferencia perjudicial, y
- (2) Este dispositivo debe aceptar cualquier interferencia recibida, incluidas las interferencias que puedan causar un funcionamiento no deseado.



Este equipo ha sido probado y cumple con los límites para un dispositivo digital Clase A, en conformidad con la parte 15 del reglamento de la FCC. Estos límites están diseñados para proporcionar una protección razonable contra la interferencia perjudicial en una instalación residencial. Este equipo genera, utiliza y puede irradiar energía de radiofrecuencia y, si no se instala y utiliza de acuerdo con las instrucciones, podría causar interferencias perjudiciales en las comunicaciones de radio. Sin embargo, no hay garantía de que no se produzcan interferencias en una instalación determinada. Si este equipo causa interferencia perjudicial en la recepción de radio o televisión, lo que se puede determinar apagando y encendiendo el equipo, se recomienda al usuario que intente corregir la interferencia mediante una o varias de las siguientes medidas:

- Reoriente o reubique la antena receptora.
- Aumente la separación entre el equipo y el receptor.
- Conecte el equipo a una toma de corriente de un circuito distinto al que está conectado el receptor.
- Consulte al distribuidor o a un técnico experimentado en radio/televisión para obtener ayuda.

Las modificaciones no aprobadas expresamente por el fabricante podrían anular la autoridad del usuario para hacer funcionar el equipo de acuerdo con el reglamento de la FCC.

- Este aparato y su antena no se deben ubicar juntos ni se deben operar junto con otras antenas o transmisores.
- Se debe mantener una distancia mínima de separación de 20 cm entre la antena y las personas para que el aparato cumpla con los requisitos de exposición a RF.

Declaración de conformidad de la UE (CE)

Este producto tiene la marca CE de acuerdo con las disposiciones de Radio Equipment Directive (RED) 2014/53/UE. Por la presente, Suprema Inc. declara que este producto cumple los requisitos esenciales y otras disposiciones pertinentes de Radio Equipment Directive (RED) 2014/53/UE.

- Energía de transmisión Bluetooth: -0.1 dBm
- Frecuencia de Bluetooth: 2402~2480 MHz
- Frecuencia de NFC: 13.56 MHz
- Frecuencia de RFID: 13.56 MHz + 125 kHz

Para obtener más información, comuníquese con nosotros mediante la siguiente información de contacto.

Suprema Inc.

Sitio web: <https://www.supremainc.com>

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Version 3, 29 June 2007

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