

SAMSUNG TECHWIN

DESCODIFICADOR DE VÍDEO DE RED

Manual del usuario

SPD-400



Descodificador de vídeo de red

Manual del usuario

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Tenga en cuenta que los problemas de seguridad y otros problemas que sucedan por no cambiar la contraseña serán responsabilidad del usuario.

descripción general

INSTRUCCIONES DE SEGURIDAD IMPORTANTES

1. Lea estas instrucciones.
2. Consérvelas.
3. Atente para todas las advertencias.
4. Siga todas las instrucciones.
5. No utilice este aparato cerca del agua.
6. Límpielo únicamente con un paño seco.
7. No obstruya ninguna apertura de ventilación. Instale el aparato siguiendo las instrucciones del fabricante.
8. No lo instale cerca de ninguna fuente de calor como radiadores, focos de calor o cualquier otro aparato (incluidos los amplificadores) que emita calor.
9. No olvide que la finalidad de los enchufes polarizados o de toma a tierra es proporcionarle seguridad. Un enchufe polarizado tiene dos clavijas, una más ancha que la otra. Un enchufe con toma a tierra tiene dos clavijas y una tercera de toma a tierra. Tanto la clavija más ancha, en el caso del enchufe polarizado, como la clavija adicional, en el caso del enchufe con toma a tierra, tienen como objetivo aportarle seguridad. Si el enchufe del aparato no encaja en su toma de corriente, póngase en contacto con un electricista para cambiar la toma de corriente obsoleta.
10. Evite pisar o doblar el cable de alimentación. Ponga especial cuidado para no hacerlo en enchufes, tomas de corriente y en los puntos en los que salen desde el aparato.
11. Utilice únicamente los dispositivos y accesorios especificados por el fabricante.
12. Utilice sólo las mesitas con ruedas, soportes, trípodes o mesas recomendadas por el fabricante o vendidas con el aparato. Cuando se utilice una mesita con ruedas, tenga cuidado al mover la mesita con ruedas junto con el aparato para evitar daños por vuelco.
13. Desenchufe este aparato durante tormentas eléctricas o cuando no se utilice durante largos períodos de tiempo.
14. Remita todas las reparaciones a personal de mantenimiento cualificado. Es necesario enviar el aparato para su reparación cuando ha sufrido cualquier tipo de daño, como, por ejemplo, que el cable o el enchufe de la alimentación está dañado, se han derramado líquidos sobre el aparato o algún objeto ha caído sobre él, el aparato ha sido expuesto a la lluvia o a humedad, no funciona correctamente o se ha caído al suelo.



descripción general

ADVERTENCIA

PARA REDUCIR EL RIESGO DE INCENDIO O DESCARGA ELÉCTRICA, MANTENGA ESTE DISPOSITIVO LEJOS DE LLUVIA Y/O LA HUMEDAD. NO INSERTE NINGÚN OBJETO METÁLICO EN LAS REJILLAS DE VENTILACIÓN NI EN NINGUNA ABERTURA DEL EQUIPO.

No debe exponer el aparato a gotas ni salpicaduras de agua ni a objetos con líquido, como jarrones, evitando colocarlos sobre el aparato.

PRECAUCIÓN

	PRECAUCIÓN NO ABRIR RIESGO DE SUFRIR UNA DESCARGA ELÉCTRICA	
PRECAUCIÓN : PARA REDUCIR EL RIESGO DE SUFRIR UNA DESCARGA ELÉCTRICA, NO RETIRE LA CUBIERTA (NI LA PARTE POSTERIOR). DENTRO NO HAY PIEZAS QUE PUEDAN SER REPARADAS POR EL USUARIO. REMITA EL APARATO A PERSONAL DE MANTENIMIENTO CUALIFICADO.		

EXPLICACIÓN DE LOS SÍMBOLOS GRÁFICOS



Un triángulo con un rayo y una punta de flecha es un símbolo de advertencia para avisar al usuario de la presencia de “voltajes peligrosos” dentro de la carcasa del producto que pueden ser lo suficientemente intensas como para constituir un peligro de descarga eléctrica.



Un triángulo con un signo de exclamación es un símbolo de advertencia para avisar al usuario de que hay instrucciones importantes de funcionamiento y mantenimiento (reparaciones) en la documentación que acompaña al aparato.

Construcción de clase I

Un aparato con construcción de CLASE I se conectará a una toma de corriente con la conexión de protección de tierra.

Batería

No debe exponer las baterías (paquete de batería o pilas instalados) a calor excesivo, a la luz directa del sol ni al fuego, etc.

PRECAUCIÓN

Existe un riesgo de explosión si la batería se sustituye por otra que no sea adecuada.

Tire las baterías usadas como se indica en las instrucciones.

Estas instrucciones de servicio están destinadas únicamente a personal de servicio técnico cualificado.

Para reducir el riesgo de descarga eléctrica no realice ninguna operación de servicio que no sean las indicadas en las instrucciones de funcionamiento a menos que esté cualificado para hacerlo.

El ITE solo se debe conectar a redes PoE sin enviarlo a la red externa.

descripción general

Lea detenidamente las precauciones de seguridad recomendadas que se incluyen a continuación.

- No coloque este aparato sobre una superficie desigual.
- No lo instale en una superficie expuesta a la luz directa del sol, cerca de equipos de calefacción ni cerca de áreas frías.
- No coloque este aparato cerca de material conductivo.
- No intente reparar este aparato por sí solo.
- No coloque jarrones sobre el producto.
- No lo instale cerca de fuentes magnéticas.
- No bloquee las aberturas de ventilación.
- No coloque objetos pesados sobre el producto.

El Manual del usuario es una guía sobre cómo utilizar los productos

El significado de los signos que se utilizan en el manual es el siguiente

- Referencia : en caso de que se facilite información de ayuda sobre el uso del producto
 - Aviso : si existe alguna posibilidad de que se produzcan daños en bienes o lesiones en personas causadas por no seguir las instrucciones
- ※ Lea este manual por razones de seguridad antes de utilizar los productos y guárdelo en un lugar seguro.

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CARACTERÍSTICAS DEL PRODUCTO

- **Admite la descodificación de varios formatos**

El descodificador de vídeo de red emplea el descodificador de varios formatos H.264/MPEG-4/MJPEG para descodificar hasta 4 secuencias de vídeo transferidas a través de la red.

- **Admite visualización de vídeo Full-HD**

La resolución de salida máxima admitida es 1920x1080, y proporciona puertos de salida HDMI, VGA y CVBS (BNC) para la visualización.

- **Control de alarmas**

Cuando se produce un evento en una cámara de red o en el codificador, la pantalla de control cambia al vídeo correspondiente de acuerdo con los ajustes.

ESPECIFICACIONES DEL PC RECOMENDADAS

- Procesador: Intel(R) Core(TM)2 de 2,00 GHz o superior
- Sistema operativo: Windows XP, VISTA, 7
Mac OS
- Resolución: 1280X1024 píxeles o superior
- RAM: 1GB o más
- Explorador Web: Internet Explorer 7.0 u 8.0, Firefox, Chrome, Safari
- Memoria de vídeo: 128MB o más

descripción general

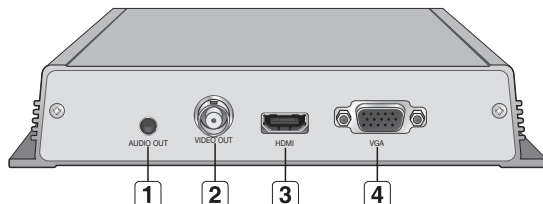
COMPONENTES

Compruebe si el codificador de vídeo red y los accesorios se incluyen en el paquete del producto.

Aspecto	Nombre de elemento	Cantidad	Descripción
	SPD-400	1	
	Manual de instrucciones, CD de instalación	1	Manual del usuario, programa de software IP Installer
	Guía de consulta rápida	1	
	Tornillo de montaje de rosca cortante	4	Se utiliza para la instalación en pared

VISTA

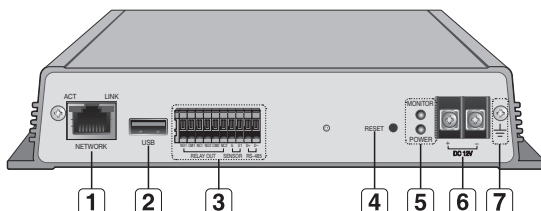
Parte delantera



Elemento	Descripción
1 AUDIO OUT	Este puerto genera la salida del audio seleccionado desde el dispositivo conectado a través de la red, de acuerdo con los ajustes.
2 VIDEO (CVBS) OUT	Puerto de salida BNC para visualización. Este puerto genera la salida de vídeo sólo si se ha seleccionado el modo CVBS.
3 HDMI	Puerto de salida HDMI para visualización. Este puerto genera la salida de vídeo sólo si se ha seleccionado el modo HDMI o VGA.
4 VGA	Puerto de salida VGA para visualización. Este puerto genera la salida de vídeo sólo si se ha seleccionado el modo HDMI o VGA.

descripción general

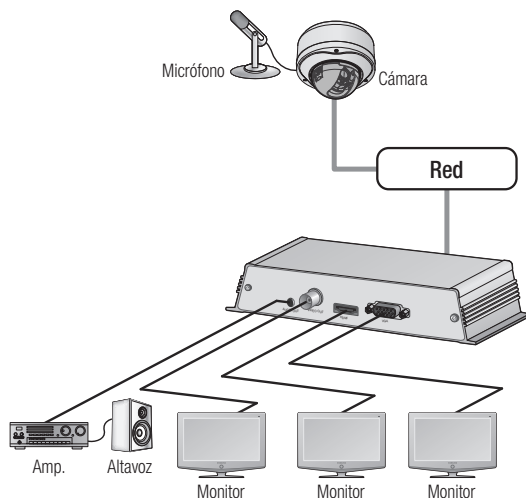
Parte trasera



Elemento		Descripción	
1	NETWORK	Se utiliza para conectar un cable Ethernet.	
2	USB	Esta función no está actualmente disponible.	
3	Puerto de E/S	RS-485 D+/D-	Esta función no está actualmente disponible.
		NO1/NO2	Salida de alarma (para Normal Abierto)
		CM1/CM2	Salida de alarma (Común)
		NC1/NC2	Salida de alarma (para Normal Cerrado)
		S1	Puerto de sensor de entrada de alarma.
		G	Puerto de conexión a tierra para señal externa.
4	RESET	Con este botón se inicializan los ajustes del descodificador de video de red o se selecciona la salida del monitor. Manténgalo pulsado durante 5 segundos o más y el indicador del sistema se apagará y se inicializarán los ajustes, a continuación se reiniciará. Pulse el botón durante 1 segundo aproximadamente y el LED del MONITOR cambiará en cuanto se cambie el modo de salida de vídeo.	

Elemento	Descripción	
5 Alimentación, LED de monitor	MONITOR	Indica el modo de salida de vídeo. Verde: Modo de salida HDMI o VGA. Amarillo: modo de salida CVBS. ■ Para cambiar el modo de salida de vídeo, cámbielo en los ajustes de vídeo de Web Viewer o pulse el botón [RESET] durante un 1 segundo aproximadamente.
	POWER	ACT: mientras la unidad está encendida. DES: si la unidad está apagada.
6 Puerto de alimentación	Se utiliza para conectar la fuente de alimentación especificada.	
7 GND	Se utiliza para la toma de tierra.	

CONEXIÓN A OTRO DISPOSITIVO



Conexión de salida de vídeo

Conecte un monitor a la salida de vídeo que prefiera del descodificador de vídeo de red.



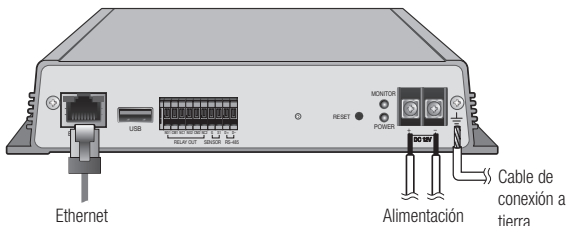
- Genera la salida de vídeo a través del puerto de acuerdo con los ajustes configurados en "**Config. pantalla > Monitor**" de Web Viewer. (Página 37)
- En el modo de salida HDMI o VGA, la pantalla no mostrará correctamente si la resolución configurada no la admite el monitor.
- Mantenga pulsado el botón **[RESET]** durante 1 segundo aproximadamente para cambiar el modo de salida de vídeo.
- EL LED del MONITOR cambia su color en consecuencia.

Conexión de entrada y salida de audio

1. Conecte un micrófono a la cámara de red o al codificador y defina el ajuste de Audio del dispositivo correspondiente en <ACT>.
2. Defina Configuración de audio de red en ACT en los ajustes de diseño único del decodificador de vídeo y seleccione su salida desde la salida de vídeo y salida HDMI en Ajustes de audio. Tenga en cuenta que HDMI OUT para la entrada de audio sólo se puede seleccionar cuando la salida del monitor esté definida en HDMI.
3. Al utilizar la salida de línea, conecte LINE IN del altavoz y los terminales AUDIO OUT del decodificador de vídeo de red.
4. Para la salida HDMI, conecte un monitor HDMI al puerto HDMI.
 - Para la salida de audio HDMI, se requiere un altavoz integrado.



- Existe alguna posibilidad de que el audio HDMI no se oiga en algunos monitores específicos.



Conexión Ethernet

Conecte el cable Ethernet a la red local o a Internet.

instalación y conexión

Alimentación eléctrica

Utilice el destornillador para conectar cada línea (+, -) del cable de alimentación al puerto de alimentación correspondiente del Descodificador de vídeo de red.



- Tenga cuidado de no invertir la polaridad al conectar el cable de alimentación.
- Si desea conectar un dispositivo externo, debe apagar el dispositivo externo antes de continuar.

Resistencia eléctrica de cable de cobre a [20°C (68°F)]

Calibre de hilo americano (AWG)	n° 24 (0,22 mm²)	n° 22 (0,33 mm²)	n° 20 (0,52 mm²)	n° 18 (0,83 mm²)
Resistencia (Ω/m)	0,078	0,050	0,030	0,018
Tensión de caída (V/m)	0,028	0,018	0,011	0,006
Distancia recomendada (m)	Menos de 20	Menos de 30	Menos de 30	Menos de 30

- Como se muestra en la tabla anterior, es posible que encuentre un punto de tensión baja dependiendo de la longitud del cable.

Si utiliza un cable excesivamente largo para la conexión del Descodificador de vídeo de red, es posible que éste no funcione debidamente.

- Tensión de funcionamiento del Descodificador de vídeo de red: 12 VCC $\pm$ 10%
- Las mediciones de caída de tensión del diagrama anterior pueden variar dependiendo del tipo y el fabricante del cable de cobre.

Conexión a tierra del producto

Utilice un destornillador para conectar el cable de conexión a tierra al tornillo FG situado justo al lado de la entrada de corriente.



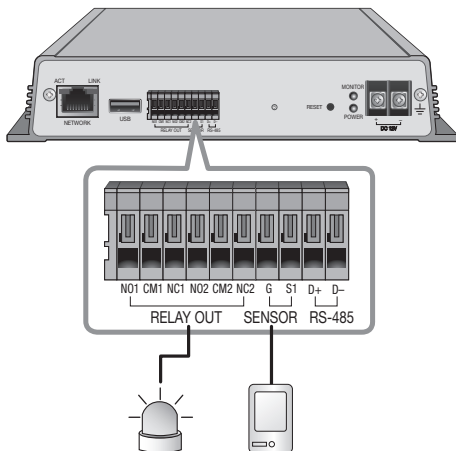
- La conexión a tierra protege el producto contra una sobretensión o un rayo.
- Al realizar la conexión a tierra, asegúrese de desconectar el producto.

Cable de conexión a tierra recomendado

- Longitud: menos de 3M
- Calibre: 18 AWG o mayor
Ej.: UL1007 AWG 18/16, UL1015 AWG18/16/14/12, UL2468 AWG18/16/14

Conexión al cuadro del puerto de E/S

Conecte la señal de E/S de alarma al puerto correspondiente del cuadro de puertos trasero.



Conexión a la entrada de alarma

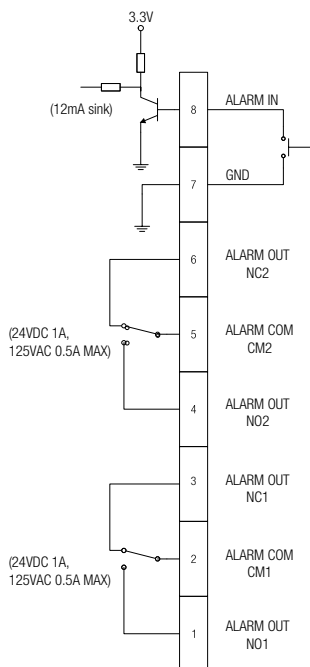
Conecte un cable de señales (de los 2) del sensor aplicable al puerto [S1] y el otro al puerto [G].

Conexión de la salida de alarma

Conecte el cable de señales (de los 2) del dispositivo externo aplicable a [RELAY OUT(NC, NO)], y el otro al puerto [CM].

instalación y conexión

Diagrama de cableado de E/S de alarma



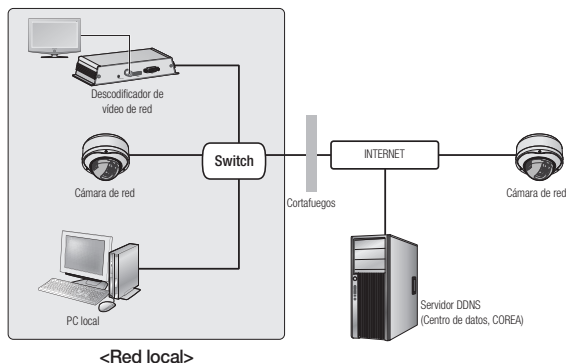
conexión y configuración de red

Puede configurar los ajustes de red del descodificador de vídeo de red a su gusto.

CONFIGURACIÓN DEL DESCODIFICADOR DE VÍDEO DE RED EN ENTORNOS LAN

Acceso al descodificador de vídeo de red desde un PC dentro de la misma LAN

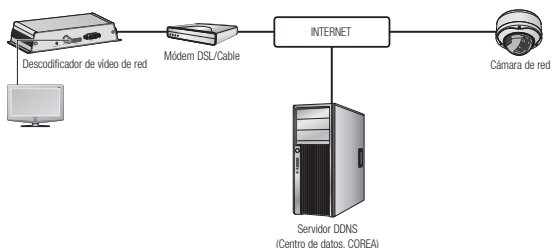
1. Inicie el explorador de Internet en el PC local.
2. Introduzca la dirección IP del descodificador de vídeo de red en el campo de dirección del explorador.



- Un PC remoto en una salida externa de Internet de la red LAN es posible que no pueda conectarse al codificador de red instalado en la intranet si el reenvío de puertos no se configura correctamente o si existe un cortafuegos. En este caso, para resolver el problema, póngase en contacto con el administrador de red.
- La dirección IP predeterminada se define en 192.168.1.200. Para cambiar la dirección IP, utilice IP Installer. Para obtener información adicional sobre el uso de IP Installer, consulte "Configuración de IP estática". (Página 23)

conexión y configuración de red

CONEXIÓN DEL CODIFICADOR DE VÍDEO DE RED DIRECTAMENTE A UN MÓDEM DSL/CABLE BASADO EN DHCP



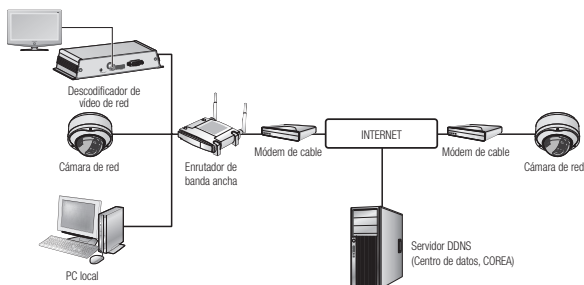
1. Utilice un cable cruzado para conectar un ordenador y el descodificador de vídeo de red.
2. Ejecute IP Installer y cambie la dirección IP del descodificador de vídeo de red de forma que pueda utilizar el explorador Web de su escritorio para conectar a Internet.
3. Acceda al descodificador de vídeo de red utilizando el explorador de Internet.
4. Vaya a la página **[Configuración]**.
5. Vaya a **[Red]** – **[Interfaz]** y defina el tipo de IP en **[DHCP]**.
6. Conecte el descodificador de vídeo de red retirado del PC, directamente en el módem.
7. Reinicie el descodificador de vídeo de red.



- Para definir el tipo de IP, consulte "**Interfaz**". (página 39)

CONEXIÓN DEL DESCODIFICADOR DE VÍDEO DE RED Y DEL ENRUTADOR DE BANDA ANCHA QUE ESTÁ CONECTADO AL MÓDEM DE CABLE

Se utiliza en pequeños entornos de red en casa y en tiendas de pequeña envergadura.



Configuración de los ajustes de red del PC local conectado al enrutador de banda ancha

Para configurar los ajustes de red del PC local conectado al enrutador de banda ancha, siga las instrucciones que se incluyen a continuación.

- Seleccione: <Network Neighborhood> → <Properties> → <Local Area Connection> → <Properties> → <General> → <Internet Protocol (TCP/IP)> → <Properties> → <Obtain an IP address automatically> o <Use the following IP address>.
- Siga las instrucciones que se incluyen a continuación y seleccione <Use the following IP address>:

Ej.1) Si la dirección (LAN IP) del enrutador de banda ancha es 192.168.1.1

Dirección IP: 192.168.1.200

Máscara de subred: 255.255.255.0

Puerta de enlace predet.: 192.168.1.1

Ej.2) Si la dirección (LAN IP) del enrutador de banda ancha es 192.168.0.1

Dirección IP: 192.168.0.200

Máscara de subred: 255.255.255.0

Puerta de enlace predet.: 192.168.0.1

Ej.3) Si la dirección (LAN IP) del enrutador de banda ancha es 192.168.xxx.1

Dirección IP: 192.168.xxx.200

Máscara de subred: 255.255.255.0

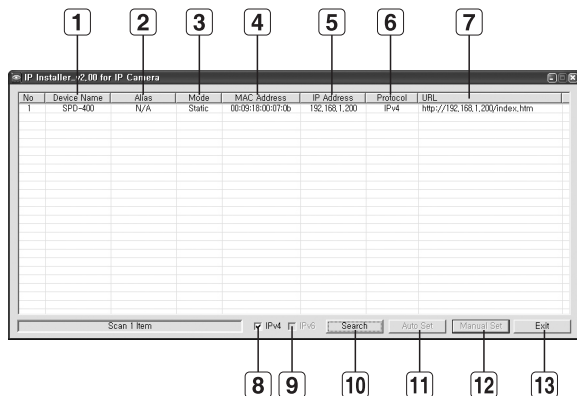
Puerta de enlace predet.: 192.168.xxx.1



- Para la dirección del enrutador de banda ancha, consulte la documentación del producto.

conexión y configuración de red

BOTONES UTILIZADOS EN IP INSTALLER



Elemento	Descripción
1 Device Name	Nombre del modelo del dispositivo de red conectado. Haga clic en la columna para ordenar la lista por nombre de modelo. Sin embargo, la búsqueda puede detenerse si se hace clic durante la búsqueda.
2 Alias	Esta función no está actualmente implantada.
3 Mode	Muestra <Static> o <Dynamic> para el estado de conexión de red actual.
4 MAC(Ethernet) Address	Dirección Ethernet del dispositivo de red conectado. Haga clic en la columna para ordenar la lista por dirección Ethernet. Sin embargo, la búsqueda puede detenerse si se hace clic durante la búsqueda.
5 IP Address	Dirección IP. Haga clic en la columna para ordenar la lista por dirección IP. Sin embargo, la búsqueda puede detenerse si se hace clic durante la búsqueda. El ajuste predeterminado de fábrica es "192.168.1.200".
6 Protocol	Ajustes de red del dispositivo de red. El ajuste predeterminado de fábrica es "IPv4". Los codificadores de red con el ajuste IPv6 aparecerán como "IPv6".

Elemento	Descripción
7 URL	Muestra la dirección URL.
8 IPv4	Rastrea los dispositivos de red que tengan el ajuste IPv4.
9 IPv6	Rastrea los dispositivos de red que tengan el ajuste IPv6. Se activa en un entorno compatible con IPv6.
10 Search	Rastrea los dispositivos de red que estén actualmente conectados a la red. No obstante, este botón aparecerá atenuado si no se marca ni IPv4 ni IPv6.
11 Auto Set	IP Installer configura automáticamente los ajustes de red.
12 Manual Set	Debe configurar manualmente los ajustes de red.
13 Exit	Salida del programa IP Installer.



- Para IP installer, utilice sólo la versión del instalador que se facilita en el CD de instalación.

CONFIGURACIÓN DE IP ESTÁTICA

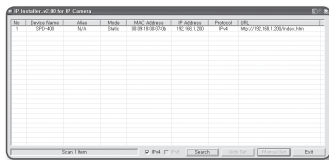
Configuración de red manual

Ejecute <IP Installer_vX.XX.exe> para ver la lista de búsqueda de dispositivos de red. En el arranque inicial, aparecerán atenuados **[Auto Set]** y **[Manual Set]**.



- En los dispositivos de red encontrados con el ajuste IPv6, estos botones aparecerán atenuados ya que los dispositivos de red no admiten esta función.

1. Seleccione un dispositivo de red en los resultados de la búsqueda.
Localice la dirección MAC (Ethernet) etiquetada en la parte posterior del dispositivo de red.
Se activará tanto **[Auto Set]** como **[Manual Set]**.



2. Haga clic en **[Manual Set]**.
Aparece el diálogo de ajustes manuales.
Aparecerán los valores predeterminados de <IP Address>, <Subnet Mask>, <Gateway>, <HTTP Port> y <VNP Port> del dispositivo de red.

conexión y configuración de red

3. En el panel <Address>, facilite la información necesaria.

- MAC (Ethernet) Address : la dirección MAC (Ethernet) del dispositivo de red aplicable se definirán automáticamente de forma que no tendrá que introducirla manualmente.

The 'Manual Setting' dialog box has two main sections. The left section, titled 'Address', contains fields for MAC Address (00:08:18:00:07:0b), IP Address (192.168.1.200), Subnet Mask (255.255.255.0), Gateway (192.168.1.1), and Password. The right section, titled 'Port', contains fields for HTTP Port (80) and VNP Port (1234). There are 'OK' and 'Cancel' buttons at the bottom.



- Puede configurar sólo los ajustes de IP estática si se deja sin marcar la casilla de selección de DHCP.

Si se utiliza un enrutador de banda ancha

- IP Address: introduzca una dirección que se encuentre en el rango de IP facilitado por el enrutador de banda ancha.

Ej: 192.168.1.2~254,
192.168.0.2~254,
192.168.XXX.2~254

- Subnet Mask : La <Subnet Mask> del enrutador de banda ancha será la <Subnet Mask> del descodificador de vídeo de red.
- Gateway : La <Local IP Address> del enrutador de banda ancha será la <Gateway> del descodificador de vídeo de red.

The 'Setup' dialog box for 'Wireless G Broad' has tabs for Setup, Wireless, Security, Access Restrictions, and Applications & Gaming. The 'Setup' tab is active, showing 'Internet Setup' with 'Automatic Configuration - DHCP' selected. Below this are fields for Router Name, Host Name, Domain Name, MTU (set to 1400), and Size. The 'Network Setup' section shows 'Router IP' with 'Local IP Address' (192.168.1.1) and 'Subnet Mask' (255.255.255.0) highlighted with a red box.



- Es posible que los ajustes difieran dependiendo del modelo de enrutador de banda ancha conectado. Para obtener información adicional, consulte el manual de usuario del enrutador aplicable.

Si no se utiliza un enrutador de banda ancha

Para definir <IP Address>, <Subnet Mask> y <Gateway>, póngase en contacto con el administrador de red.

4. En el panel <Port>, facilite la información necesaria.

- HTTP Port: se utiliza para acceder al dispositivo de red utilizando el explorador de Internet, por defecto en 80. Utilice el botón de flechas para cambiar el valor de HTTP Port.
- VNP Port : se utiliza para controlar la transferencia de vídeo a una cámara de red o a un codificador. No es necesario configurar ningún puerto VNP del descodificador de vídeo de red. El valor predeterminado es 1234, y no se debe modificar.

This is a duplicate of the 'Manual Setting' dialog box shown in the first image, with fields for Address, Port, and Password.

5. Introduzca la contraseña.

Esta es la contraseña de inicio de sesión del usuario “**admin**” que accede al dispositivo de red.

La contraseña predeterminada es “**4321**”.



- La contraseña predeterminada puede estar expuesta a riesgos de piratería, por lo que recomendamos que cambie la contraseña después de instalar el producto. Tenga en cuenta que los problemas de seguridad y otros problemas que sucedan por no cambiar la contraseña serán responsabilidad del usuario.

6. Haga clic en [OK].

La configuración manual de la red queda completada.

Si el descodificador de vídeo de red está conectado a un enrutador de banda ancha

Configure los ajustes relacionados con IP y los ajustes relacionados con el puerto de forma distinta entre sí.

Categoría		Descodificador nº 1	Descodificador nº 2
Ajustes relacionados con IP	IP Address	192.168.1.200	192.168.1.201
	Subnet Mask	255.255.255.0	255.255.255.0
	Gateway	192.168.1.1	192.168.1.1
Ajustes relacionados con el puerto	HTTP Port	8080	8081



- Si <HTTP Port> se define con un valor distinto a 80, debe facilitar el número de <Port> en la barra de dirección del explorador de Internet antes de poder acceder al descodificador de vídeo de red.

Ej.: http://IP address: Puerto HTTP

http://192.168.1.200:8080

conexión y configuración de red

Configuración automática de red

Ejecute <IP Installer_vX.XX.exe> para ver la lista de búsqueda de dispositivos de red. En el arranque inicial, aparecerán atenuadas **[Auto Set]** y **[Manual Set]**.

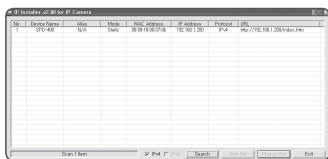


- En los dispositivos de red encontrados con el ajuste IPv6, estos botones aparecerán atenuados ya que las cámaras no admiten esta función.

1. Seleccione un dispositivo de red en los resultados de la búsqueda.

Localice la dirección MAC (Ethernet) etiquetada en la parte posterior del dispositivo de red.

Se activará tanto **[Auto Set]** como **[Manual Set]**.



2. Haga clic en **[Auto Set]**.

Aparece el diálogo de ajustes automáticos.

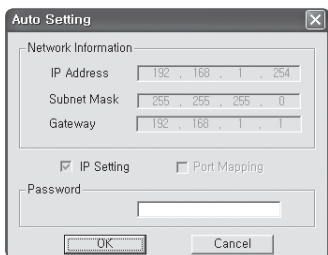
Se definirá automáticamente <IP Address>, <Subnet Mask> y <Gateway>.

3. Introduzca la contraseña.

Esta es la contraseña de inicio de sesión para el usuario "admin" que accede al descodificador de vídeo de red.

La contraseña predeterminada es "4321".

- La contraseña predeterminada puede estar expuesta a riesgos de piratería, por lo que recomendamos que cambie la contraseña después de instalar el producto. Tenga en cuenta que los problemas de seguridad y otros problemas que sucedan por no cambiar la contraseña serán responsabilidad del usuario.



4. Haga clic en **[OK]**.

La configuración de red automática queda completada.

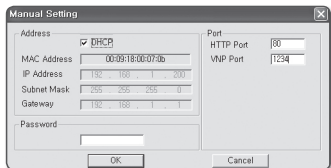
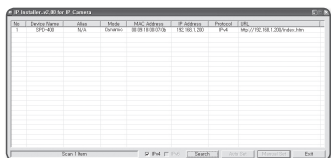
CONFIGURACIÓN DE IP DINÁMICA

Configuración del entorno de IP dinámica

- Ejemplo de entorno de IP dinámica
 - Si está conectado un enrutador de banda ancha con un dispositivo de red, se asigna una dirección IP mediante el servidor DHCP
 - El dispositivo de red está conectado directamente a un modem DHCP
 - Si las IP se asignan mediante el servidor DHCP interno a través de la LAN

Comprobación de la IP dinámica

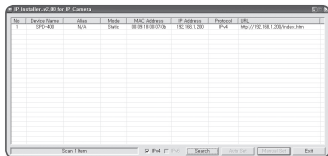
1. En un PC local, ejecute <IP Installer> para ver una lista de dispositivos de red asignados <Dynamic IP>.
2. Selecciona en la lista un dispositivo de red y haga clic en [Manual Set] para comprobar la <Dynamic IP> del dispositivo de red.
Si quita la marca de selección de <DHCP>, puede cambiar la IP a <Static>.



conexión y configuración de red

CONEXIÓN AL DISPOSITIVO DE RED DESDE UN PC LOCAL COMPARTIDO

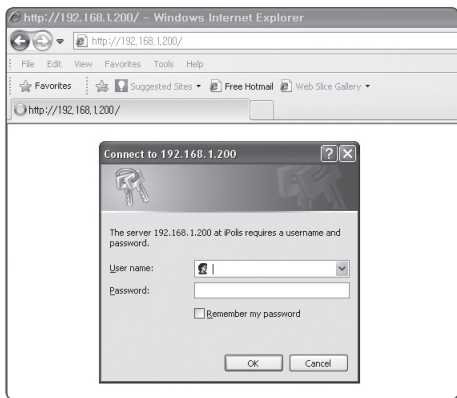
1. Ejecute IP Installer.
Busca dispositivos de red conectados y los muestra en la lista.
2. Haga doble clic en el dispositivo de red al que va a conectar.
El explorador de Internet se inicia y conecta al dispositivo de red.



- También puede acceder a la cámara introduciendo la dirección IP del dispositivo de red encontrado en la barra de direcciones del explorador de Internet

ACCESO AL DESCODIFICADOR DE VÍDEO DE RED

Procedimiento normal



1. Inicie el explorador de Internet.
2. Introduzca la dirección IP del decodificador de vídeo de red en el campo de dirección.
Ej.: • Dirección IP (IPv4): 192.168.1.200
→ http://192.168.1.200 - debe aparecer el diálogo de inicio de sesión.
• Dirección IP (IPv6): 2001:0230:abcd:ffff:0000:0000:ffff:1111
→ http://[2001:230:abcd:ffff::ffff:1111] - debe aparecer el diálogo de inicio de sesión.

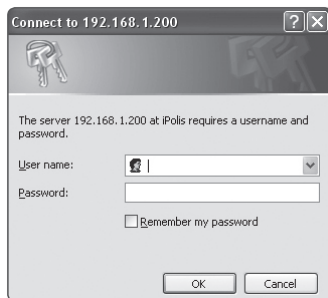
Si el número de puerto HTTP no es 80

1. Inicie el explorador de Internet.
2. Introduzca la dirección IP del decodificador de vídeo de red en el campo de dirección.
Ej.: Dirección IP: 192.168.1.200:Número de puerto HTTP (8080)
→ http://192.168.1.200:8080 - debe aparecer el diálogo de inicio de sesión.

INICIO DE SESIÓN

El ID predeterminado de usuario es "admin" y la contraseña predeterminada es "4321".

1. Introduzca "admin" en el cuadro de entrada <User Name>.
2. Introduzca "4321" en el cuadro de entrada <Password>.
Si ha cambiado la contraseña, introduzca en su lugar la nueva contraseña.
3. Haga clic en [OK].
Una vez iniciada la sesión, aparece la pantalla de configuración del decodificador de red.



- Por razones de seguridad, asegúrese de cambiar la contraseña en <Sistema> - <Usuario>.

El ID de administrador, "admin", es fijo y no se puede cambiar.

- La contraseña predeterminada puede estar expuesta a riesgos de piratería, por lo que recomendamos que cambie la contraseña después de instalar el producto. Tenga en cuenta que los problemas de seguridad y otros problemas que sucedan por no cambiar la contraseña serán responsabilidad del usuario.
- Si marca la opción "Remember my password" una vez hecha la entrada, en el futuro se iniciará sesión automáticamente sin que se solicite introducir la información.



- Podrá disfrutar de la mejor calidad de vídeo si el tamaño de pantalla es del 100%. Si se reduce la relación existe el riesgo de cortar la imagen en los bordes.

pantalla de configuración

CONFIGURACIÓN

Puede configurar de forma remota los ajustes de audio y vídeo, red, evento y sistema del decodificador de vídeo de red.

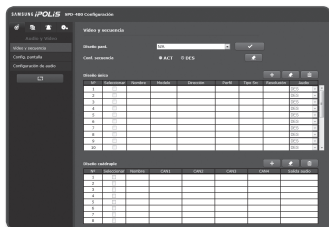


- Dependiendo de la versión de firmware del decodificador/cámara de red, registrar dichos dispositivos en el decodificador de vídeo de red puede fallar o funcionar de forma incorrecta. Visite www.samsungtechwin.com para descargar el firmware más reciente y actualizarlo.

CONFIGURACIÓN DE AUDIO Y VÍDEO

Vídeo y secuencia

- En el menú de configuración, seleccione la ficha <Audio y Vídeo ()>.
- Seleccione <Vídeo y secuencia>.
- Haga clic en el cuadro de entrada de cada elemento e introduzca / seleccione el valor que desee.
 - Diseño pant. : seleccione el diseño que desee para la pantalla de vigilancia entre diseño único o cuádruple.
 - Conf. secuencia : seleccione si usar la secuencia de vigilancia automática y seleccione el diseño y el tiempo de permanencia del diseño de la secuencia.
 - La pantalla pasa automáticamente a través de los diseños asignados según el ajuste del tiempo de permanencia de la secuencia. Es posible seleccionar hasta 10 diseños entre los diseños único y cuádruple y de secuencia.
 - Diseño único : puede añadir una cámara/codificador de red que opere en la red, o editar/borrar diseños únicos registrados.
 - Es la unidad básica del diseño de pantalla para la cámara/decodificador de red conectados al decodificador de vídeo de red.
Tras añadir un diseño único de cámara/decodificador de red, seleccione el nombre de la cámara de diseño único añadida para ver el vídeo de la cámara/codificador en la pantalla de vigilancia. Es posible añadir hasta 64 cámaras o codificadores de red.
 - Diseño cuádruple : puede componete, editar o borrar un diseño de división en 4 seleccionando diseños únicos añadidos.
 - Componga un diseño cuádruple seleccionando diseños únicos de cámara/codificador de red mostrando la pantalla de vigilancia de división en 4.
Asigne diseños únicos añadidos de cámaras/codificadores de red a un diseño cuádruple y seleccione el diseño cuádruple compuesto para ver la pantalla de división en 4 en el monitor. Es posible añadir hasta 8 diseños cuádruples.



pantalla de configuración

Para añadir un diseño único

1. Haga clic en el botón **[Añadir vídeo (+)]**.
2. Introduzca la información de la cámara/codificador de red.
3. Introduzca la dirección IP address o el URL DDNS del dispositivo que se va a añadir en el campo **<Dirección>**.
 - Es posible introducir hasta 64 letras y la lista de diseños muestra hasta 9 letras y **<...>** aparecerá para el resto.
4. Introduzca el ID y la contraseña del dispositivo que va a añadir.
5. Haga clic en el botón **[Propiedades de importación (🔄)]** para buscar información del dispositivo que se va a conectar.
 - No es posible añadir la cámara si no tiene ningún perfil.

Añadir vídeo

Protocolo ☐ Samsung ☒ AXIS

Dirección

Puerto VNP

Puerto HTTP

ID

Contraseña

Nº modelo

N. de cámara

Perfil

Tipo Src

Resolución

6. Introduzca el <N. de cámara> después de que aparezca la información buscada.

- El nombre de cámara no admite espacios en blanco dentro del nombre.
- Es posible introducir hasta 15 letras y la lista de diseños muestra hasta 7 letras y <...> aparecerá para el resto.

7. Seleccione un perfil.



- Si la propiedad del perfil de la cámara ha cambiado tras seleccionarla, es posible que el vídeo no se muestre. En estos casos, aparecerá en el monitor el mensaje "**Not Decodable**".

8. Haga clic en el botón [Añadir (+)].



- Es posible añadir hasta 64 diseños.
- Haga clic en el botón [Ajuste de cámara ()] para ver un explorador para acceder a la página web de la cámara añadida.

Añadir vídeo

Protocolo ☒ Samsung ☐ AXIS

Dirección

Puerto VNP

Puerto HTTP

ID

Contraseña 

Nº modelo **SNB-7000**

N. de cámara

Perfil

Tipo Src **MJPEG**

Resolución **320x240**

Resoluciones disponibles para un diseño único

CÓDEC	H.264	MPEG-4	MJPEG
Diseño único	1920x1080p ~ 320x240	4CIF ~ 320x240	1280x720p ~ 320x240 (excepto 800x600)

pantalla de configuración

Para editar un diseño existente

1. Haga clic en la casilla de verificación para seleccionar un dispositivo añadido.
2. Edite la información existente.
 - Tenga en cuenta que los campos **<Protocolo>** y **<Dirección>** no se pueden editar.
3. Haga clic en **[Guardar ()]**.
4. Para cancelar, haga clic en el botón **[Cancelar ()]**.

Para borrar un diseño existente

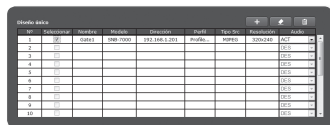
1. Haga clic en la casilla de verificación para seleccionar un dispositivo añadido.
2. Haga clic en el botón **[Borrar ()]** en la parte superior de la lista de diseños.
3. Cuando aparezca un mensaje de confirmación, haga clic en **[OK]**.



- No es posible cambiar ni borrar un diseño usado en un **<Diseño cuádruple>** o en la **<Configuración de secuencia>**, o que se esté mostrando en la pantalla de vigilancia, y al intentarlo aparecerá un mensaje de confirmación.

Para definir el audio del diseño único añadido

1. En la lista de diseños únicos añadidos, defina el audio en **<ACT>** o **<DES>** a su gusto.
 - En un dispositivo configurado con salida de audio, no se puede cambiar de **<DES>** a **<ACT>** en el diseño de modo cuádruple. Aparece un mensaje de confirmación al intentarlo.
 - El audio sólo se puede seleccionar cuando la salida de audio del dispositivo se define en **<ACT>** en la configuración del diseño único.



ID	Dispositivo	Configuración	Perfil	Resolución	Tipo Src	Audio
1	Gate1	SNB-7000	Profile1	320x240	MJPEG	ACT
2						DES
3						DES
4						DES
5						DES
6						DES
7						DES
8						DES
9						DES
10						DES

Para añadir un diseño cuádruple

1. Haga clic en el botón **[Añadir diseño cuádruple (+)]**.

2. Seleccione dispositivos entre los diseños únicos añadidos que se van a asignar a cada canal.

3. Introduzca el **<N. de diseño>**.

- Es posible introducir hasta 15 letras y la lista de diseños muestra hasta 7 letras y **<...>** aparecerá para el resto.

4. Seleccione el canal de salida de audio del diseño cuádruple entre los 4 canales asignados.

Puede seleccionar un dispositivo si el audio del dispositivo se define en **<ACT>** en su diseño único.

5. Haga clic en el botón **[Añadir (+)]**.



- Es posible añadir hasta 8 diseños cuádruples. Tenga en cuenta que un solo diseño no se puede asignar varias veces al mismo diseño cuádruple.
No obstante, un diseño único se puede asignar a varios diseños cuádruples.

Resoluciones disponibles para diseños cuádruples

Es posible que algunas resoluciones no los admita el diseño cuádruple del descodificador de vídeo de red, dependiendo del CÓDEC utilizado.

La selección de una resolución no admitida mostrará un mensaje de error.

Antes de añadir, consulte a continuación las resoluciones disponibles.

CÓDEC	H.264	MPEG-4	MJPEG
Diseño cuádruple	1280x720p ~ 320x240 (excepto 800x600)	4CIF ~ 320x240	1280x720p ~ 320x240 (excepto 800x600)

pantalla de configuración



- En la pantalla de modo cuádruple con una resolución inferior a 960x540, cada vídeo se centrará en su pantalla dividida si los vídeos de los 4 canales tienen la misma resolución. Actualmente, los vídeos de 320x240 y 352x240 se ampliarán a 640x480 y 704x480 respectivamente.



- En modo de división de pantalla en cuatro, es posible que la reproducción de vídeo no sea uniforme si la cantidad total de tráfico recibido de las cuatro cámaras supera los 40 Mbps.



<La deuxième partie affiche un flux vidéo ayant une résolution inférieure à 960x540>

Para editar un diseño cuádruple

- Haga clic en la lista en la casilla de verificación de selección del diseño que desee.
- Haga los cambios con el canal asignado o edite el nombre del diseño.
- Haga clic en **[Guardar ()]**.
- Para cancelar, haga clic en el botón **[Cancelar ()]**.

Para eliminar un diseño cuádruple

- Haga clic en la lista en la casilla de verificación de selección del diseño que desee.
- Haga clic en el botón **[Borrar ()]**.
- Cuando aparezca un mensaje de confirmación, haga clic en **[OK]**.

Añadir diseño cuádruple

N. de diseño

CAN 1 Gate1	CAN 2 Gate2
CAN 3 Gate3	CAN 4 Gate4

Salida audio

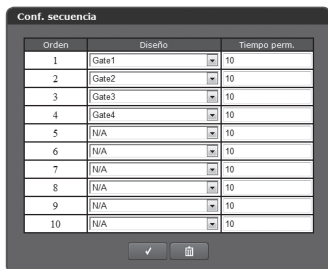


- Un diseño CUÁDRUPLE incluido en **<Configuración de secuencia>** que aparece en la pantalla de vigilancia no se puede cambiar ni borrar y al intentarlo aparecerá un mensaje de confirmación.

Para definir una secuencia

1. Pulse el botón **[Conf. secuencia ()]**.
2. Seleccione los diseños en el orden que desee ver en secuencia.
3. Introduzca el intervalo de la transición de diseños.
4. Una vez hecho, haga clic en **[Aplicar ()]**.
5. Defina la configuración de secuencia en **<ACT>**.

Los diseños seleccionados aparecen en el orden especificado y cambian al intervalo especificado.



Para seleccionar el diseño que se va a ver en el monitor

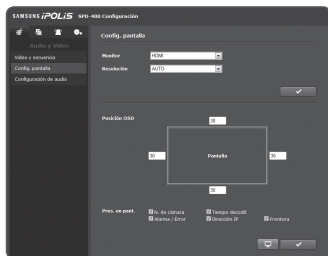
Puede definir un diseño para que aparezca en un monitor conectado.

1. Haga clic en la lista "Diseño pant." para ver los diseños disponibles.
 Seleccione el diseño que se va a ver en pantalla.
2. Una vez hecho, haga clic en **[Aplicar ()]**.
 - Si la configuración de secuencia se define en **<ACT>**, se inhabilita el cuadro de lista **<Diseño pant.>**.



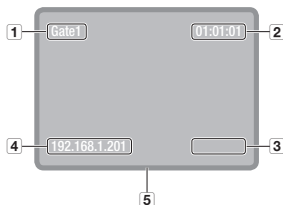
Configuración de pantalla

1. En el menú de configuración, seleccione la ficha **<Audio y Vídeo ()>**.
2. Haga clic en **<Config. pantalla>**.
3. Haga clic en el cuadro de entrada de cada elemento e introduzca / seleccione el valor que desee.
 - Monitor: seleccione el tipo de monitor para la visualización de vídeo.
 - Resolución: seleccione la resolución del monitor.
 - Una vez seleccionado **<CVBS>**, el menú cambiará a **<Tipo CVBS>**.



pantalla de configuración

- Posición OSD: selecciona la posición del menú de presentación en pantalla. Si cambia el número de posiciones de OSD se moverá al número definido considerando toda la pantalla.
- Pres. en pant.: seleccione los tipos de OSD que se van a ver en el monitor.
 - 1 Nombre cámara: muestra el nombre de la cámara utilizado al registrar el diseño.
 - 2 Tiempo decodif.: muestra el tiempo definido para el descodificador.
 - 3 Alarma / Error: muestra alarma/error en el monitor cuando se produce.
 - 4 Dirección IP: muestra la dirección IP de la cámara.
 - 5 Borde: separa la pantalla de cada cámara con bordes de separación.
- Vista previa (): presenta una vista previa de los ajustes relacionados con la OSD cambiados y se aplica una vez confirmados. La aplicación de la configuración de OSD no afecta a los ajustes del monitor.

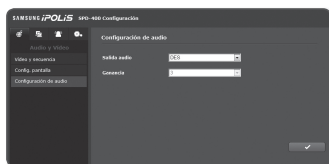


4. Una vez hecho, haga clic en **[Aplicar ()]**.

Configuración de audio

Puede configurar los ajustes de entrada/salida de audio de dispositivos conectados al descodificador de vídeo de red.

1. En el menú de configuración, seleccione la ficha **<Audio y Vídeo ()>**.
2. Haga clic en **<Configuración de audio>**.
3. Ajuste los niveles de E/S a su gusto.
 - Salida audio: define si utilizar o no audio, y su método de salida.
 - Ganancia: Se habilita al seleccionar **<Sal. de línea>**, y definir el valor.



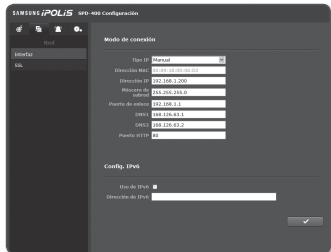
-  El audio sólo se oye si el dispositivo conectado admite la entrada de audio y está activada.
- Para seleccionar la salida de audio HDMI, el ajuste de Monitor de Config. pantalla debe definirse en HDMI.
- Si la entrada de audio es muy alta, el audio decodificador también es muy alto, por lo que el audio decodificador podría distorsionarse. Por favor ajuste el nivel de entrada del audio.

4. Una vez hecho, haga clic en **[Aplicar ()]**.

CONFIGURACIÓN RED

Interfaz

1. En el menú de configuración, seleccione la ficha <Red ()>.
 2. Haga clic en <Interfaz>.
 3. Defina <Modo de conexión> y <Config. IPv6> lo necesario.
 - Tipo IP: seleccione un tipo de conexión IP.
 - Manual: especifique la dirección IP, la máscara de subred, la puerta de enlace, DNS1 y DNS2.
 - DHCP: especifique DNS1 y DNS2.
 - Si lo define en <Manual>, debe especificar manualmente la IP, la máscara de subred, la puerta de enlace y DNS 1 y 2.
 - Dirección MAC : muestra la dirección MAC del descodificador de vídeo de red.
 - Dirección IP : muestra la dirección IP actual.
 - Máscara de subred : muestra la <Máscara de subred> para definir la IP.
 - Puerta de enlace : muestra la <Puerta de enlace> para definir la IP.
 - DNS1 / DNS2 : muestra la dirección del servidor DNS (Servicio de nombres de dominios).
 - Puerto HTTP : puerto HTTP utilizado para acceder al descodificador de vídeo de red. El valor predeterminado es 80 (TCP).
 - Uso de IPv6 : especifique el uso de IPv6.
 - Dirección de IPv6: obtiene la dirección IPv6 para acceder a la red IPv6.
4. Una vez hecho, haga clic en [Aplicar ()].

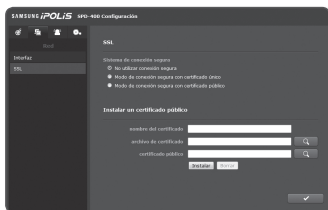


pantalla de configuración

SSL

Puede seleccionar un sistema de conexión seguro o instalar el certificado público para este fin.

1. En el menú de configuración, seleccione la ficha <Red ()>.
2. Haga clic en <SSL>.
3. Seleccione un sistema de conexión seguro.
 - Al acceder al descodificador de vídeo de red utilizando el modo HTTPS seguro, introduzca la dirección IP en el campo de dirección como: `https://<IP_Descodificador de red>`.



4. Busque y añada un certificado para el descodificador de vídeo de red.
Para instalar el certificado en el descodificador de vídeo de red, tiene que introducir el nombre del certificado (puede asignarlo arbitrariamente el usuario), y especificar el archivo de certificado emitido por la autoridad, y un archivo de clave.
 - La opción <HTTPS(Modo de conexión segura con certificado público)> sólo se activará si se ha instalado un certificado público.
5. Una vez hecho, haga clic en [Aplicar ()].

Instalación del certificado

1. Introduzca el nombre del certificado.
2. Seleccione el archivo de certificado que desee y su archivo de clave y haga clic en el botón [Instalar ()].

Eliminación de un certificado

1. Haga clic en el botón [Borrar ()].
2. Para borrar un certificado público, debe acceder al descodificador de vídeo de red en el modo de <No utilizar conexión segura> o <HTTPS (Modo de conexión segura con certificado único)>.

CONFIGURACIÓN DE EVENTOS

Entrada de alarma

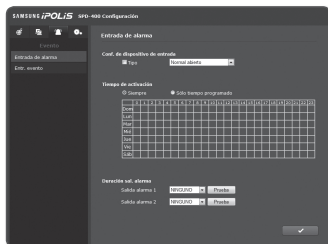
Puede definir el tipo de entrada de alarma, la duración y el tipo de acción del puerto de entrada de alarma del descodificador de vídeo de red.

1. En el menú de configuración, seleccione la ficha <Evento ()>.

2. Haga clic en <Entrada de alarma>.

3. Seleccione el tipo de dispositivo de entrada.

- Tipo
 - Normal abierto: está normalmente abierta, pero si está cerrada, se activa una alarma.
 - Normal Cerrado: está normalmente cerrada, pero si está abierta, se activa una alarma.



4. Especifique el <Tiempo de activación>.

- Siempre: compruebe siempre se produce una alarma. Se activa en modo de funcionamiento cuando se produce una alarma.
- Sólo tiempo programado: comprueba si se produce una alarma en el día de la semana especificado durante un período de tiempo especificado. Se activa en modo de funcionamiento cuando se produce una alarma.

5. Defina el tiempo de permanencia de la salida de alarma cuando se produce una alarma.

- Salida de alarma: especifique la hora de salida de la alarma en la configuración de entrada de la alarma.
 - Si la duración de la salida de alarma se define en <Siempre>, la alarma continúa funcionando hasta que se pulse el botón de conformación de alarma, como se expresa en la página de Audio y vídeo.
- Prueba: ejecuta una alarma de prueba en el dispositivo de salida de alarma conectado.

6. Una vez hecho, haga clic en [Aplicar ()].

pantalla de configuración

Entr. evento

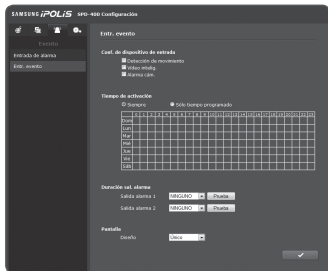
Puede definir la duración de la alarma y el tipo de acción de la alarma de la cámara de red o del descodificador.

1. En el menú de configuración, seleccione la ficha **<Evento ( >.**

2. Haga clic en **<Entr. evento>.**

3. Especifique un dispositivo de entrada de evento.

- Conf. de dispositivo de entrada
 - Detección de movimiento : reconoce un movimiento detectado desde el dispositivo conectado como una alarma.
 - Vídeo intelig. : reconoce un evento de análisis de vídeo inteligente detectado desde el dispositivo conectado como una alarma.
 - Alarma cám. : reconoce un evento de entrada de sensor desde el dispositivo conectado como una alarma.



- Sólo está operativo cuando la cámara registrada en el diseño admite la función aplicable y se activa.

4. Especifique el tiempo de activación.

- Para la configuración de **<Tiempo de activación>**, consulte **"Entrada de alarma"**. (Página 41)

5. Defina **<Duración sal. alarma>** de cada alarma.

6. Seleccione el **<Diseño>** de la pantalla de vídeo de cada dispositivo en un evento. Si se selecciona el modo **<Cuádruple>** y se asigna el diseño único deseado a dos diseños cuádruples, el diseño cuádruple que tiene el número de diseño más bajo se selecciona y se muestra.

Cuando se produce un evento, el diseño seleccionado para el evento aparece junto con el borde de la alarma y el mensaje de alarma con respecto a la configuración de visualización especificada, hasta que se pulsa el botón de confirmación en la página de Audio y vídeo.

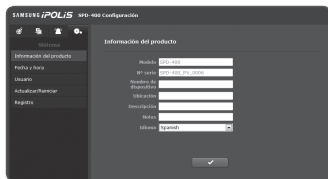
Cuando se pulsa el botón de confirmación de alarma, la pantalla vuelve al diseño anterior del evento.

7. Una vez hecho, haga clic en **[Aplicar ()]**.

CONFIGURACIÓN DEL SISTEMA

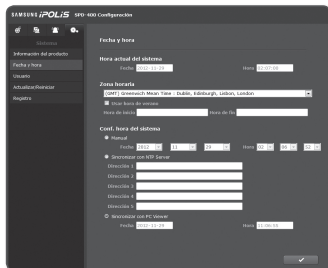
Información del producto

1. En el menú de configuración, seleccione la ficha <Sistema ()>.
2. Haga clic en <Información del producto>.
3. Compruebe la información del descodificador de vídeo de red o facilite detalles de acuerdo con el entorno de red.
 - Nombre de dispositivo: introduzca el nombre del descodificador de vídeo de red.
 - Ubicación: describe la ubicación del descodificador de vídeo de red instalado.
 - Descripción: introduzca la información detallada adicional del descodificador de vídeo de red instalado.
 - Notas: facilite una explicación sobre el descodificador de red para entender mejor la situación.
 - Idioma: seleccione el idioma que prefiera para los menús del descodificador de red y la OSD de Web Viewer.
4. Una vez hecho, haga clic en [Aplicar ()].



Fecha y hora

1. En el menú de configuración, seleccione la ficha <Sistema ()>.
2. Haga clic en <Fecha y hora>.
3. Defina la hora del sistema del descodificador de vídeo de red.
 - Hora actual del sistema: muestra los ajustes de hora actual del sistema.
 - Zona horaria: especifique la zona horaria local basándose en la GMT.
 - Usar hora de verano: si a la región de ubicación instalada se le puede aplicar DST, puede seleccionar si aplicar o no DST.



pantalla de configuración

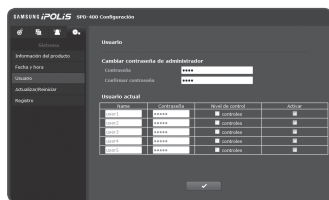
- Conf. hora del sistema: especifique la fecha y hora que se aplicará en el sistema.
 - Manual: especifique manualmente la hora.
 - Sincronizar con NTP Server: sincronice con la hora de la dirección de servidor especificada.
 - Sincronizar con PC Viewer: sincronice la hora con el PC conectado.
4. Una vez hecho, haga clic en **[Aplicar ()]**.



- Si selecciona **<Sincronizar con PC Viewer>** la zona horaria estándar sería la misma que la zona horaria actual del PC.

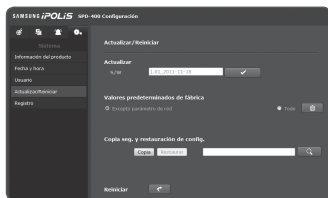
Usuario

1. En el menú de configuración, seleccione la ficha **<Sistema ()>**.
 2. Haga clic en **<Usuario>**.
 3. Facilite la información de usuario necesaria.
 - Cambiar contraseña de administrador: cambia la contraseña actual del administrador.
 - La contraseña predeterminada puede estar expuesta a riesgos de piratería, por lo que recomendamos que cambie la contraseña después de instalar el producto.
 - Tenga en cuenta que los problemas de seguridad y otros problemas que sucedan por no cambiar la contraseña serán responsabilidad del usuario.
 - Usuario actual: puede cambiar la información de usuario y ajustar el nivel de permiso de un usuario que esté definido en **<Activar>**.
 - controles: Si se activa, se pueden utilizar todas las opciones de menú excepto la administración de cuentas de usuario.
 - Activar: activa la cuenta de usuario.
4. Una vez hecho, haga clic en **[Aplicar ()]**.



Actualizar/Reiniciar

1. En el menú de configuración, seleccione la ficha <Sistema ()>.
2. Haga clic en <Actualizar/Reiniciar>.
3. Seleccione el elemento que desee y defínalo de la forma apropiada.
 - Actualizar: realiza la actualización del sistema.
 - Valores predeterminados de fábrica: reinicia el sistema con los valores predeterminados de fábrica.
 - Excepto parámetro de red: reinicializa todos los ajustes excepto los parámetros de red.
 - Todo: reinicia todos los ajustes incluidos los parámetros de red.
 - Copia seg. y restauración de config.: hace una copia de seguridad de los ajustes actuales del sistema antes de realizar el proceso de restauración. El sistema se reinicia automáticamente tras una copia de seguridad o una restauración.
 - Reiniciar: reinicia el sistema.

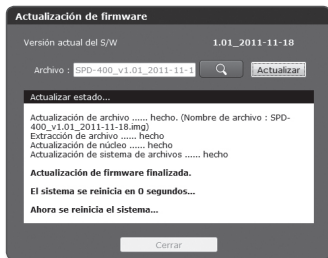
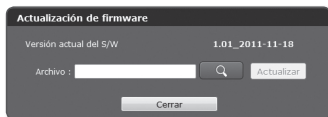


Para realizar la actualización

1. Haga clic en [].
2. Haga clic en [] y especifique un archivo para actualizar.
3. Haga clic en [Actualizar].
4. Aparece el diálogo "Actualizar estado" cuya progresión aparecerá en la parte inferior.



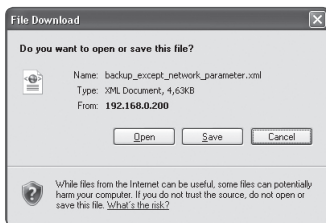
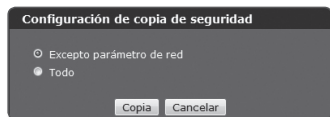
- Si termina a la fuerza el proceso de actualización, la actualización no se completará debidamente.



pantalla de configuración

Para guardar los ajustes actuales y restaurar los ajustes de copia de seguridad

1. Haga clic en **[Copia]**.
Debe aparecer el diálogo Guardar como.
2. Especifique la ruta de copia de seguridad con un nombre de archivo adecuado y haga clic en **[Save]**.
El archivo de copia de seguridad se guardará en la ruta especificada en formato ".xml".
3. Para restaurar los ajustes desde una copia de seguridad, seleccione el archivo de copia de seguridad.
4. Haga clic en **[Restaurar]**.
Una vez que se complete la restauración, se reiniciará el sistema.



Registro

Puede comprobar el registro del sistema o el registro de eventos.

1. En el menú de configuración, seleccione la ficha <Sistema ()>.

2. Haga clic en <Registro>.

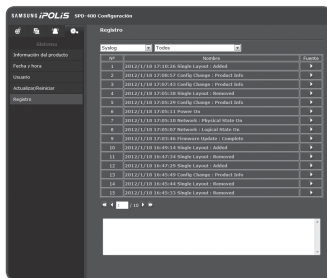
3. Seleccione un tipo de registro.

- Syslog: puede comprobar los registros del sistema en los casos en los que se registren cambios del sistema incluida la información de hora.
- Evtlog: puede comprobar los registros de eventos incluida la información de hora.

4. En la lista de registros de la derecha, seleccione un elemento que buscar.

- Si seleccione <Todos> en la lista desplegable de la parte superior izquierda, aparecerán todos los registros del tipo de registro aplicable.

5. Si en una página no se puede mostrar todos los registros disponibles, utilice los botones inferiores para desplazarse al elemento anterior, siguiente o al último.



- Si desea ver los detalles de un registro, haga clic en [Fuente ()] en la columna derecha del registro; la información de registro se mostrará en el panel inferior.
- Cada página muestra 15 registros con el más reciente en la parte superior.
- La lista del registro de eventos/sistema puede contener hasta 1.000 registros; pasado este número, los registros más antiguos se borrarán para dar entrada a los nuevos registros creados.

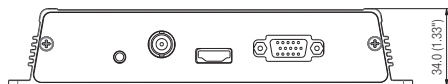
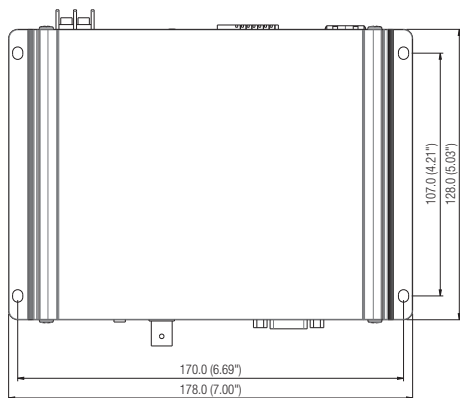
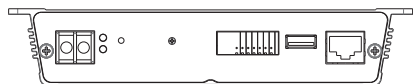
ESPECIFICACIÓN

Opciones		Descripción
Salida de vídeo	Salida de vídeo	1) HDMI / VGA: máx. 1920x1080p (misma resolución de salida para HDMI, VGA) 1920x1080p, 1680x1050, 1600x900, 1440x900, 1280x1024, 1280x720p, 1024 x 768 2) CVBS: NTSC : 1.0 Vp-p / 75Ω compuesto 704x480 PAL : 1.0 Vp-p / 75Ω compuesto 704x576 3) Seleccione entre HDMI/VGA, CVBS
	Latencia de vídeo	1) H.264: 3,5 segundos máximo 2) MPEG-4: 2 segundos máximo 3) MJPEG: 2 segundos máximo
	Activador de eventos	Entrada de alarma, entrada de evento de cámara de red
	E/S de alarma	1 Entrada 1 / 2 Salida (Relé)
Red	Ethernet	RJ-45 (10/100/1000BASE-T)
	Formato de compresión de vídeo	H.264, MPEG-4, MJPEG
	Resolución	1) H.264 - Vista única: 1920x1080p ~ 320x240 - Vista cuádruple: 1280x720p ~ 320x240 (excepto 800x600) 2) MPEG-4: - Vista única: 4CIF ~ 320x240 - Vista cuádruple: 4CIF ~ 320x240 3) MJPEG: - Vista única: 1280x720p ~ 320x240 (excepto 800x600) - Vista cuádruple: 1280x720p ~ 320x240 (excepto 800x600) 1920x1080p, 1280x1024, 1280x720p, 704x576, 704x480, 640x480, 352x288, 352x240, 320x240
	Vel. máx. de fotogramas	Máx. 30 fps en vista única, Máx. 120 fps a 4x (640x480), Máx. 100 fps a 4x4 CIF, Máx 60 fps a 4x720p (con audio inhabilitado)
	Pantalla	Diseño único, diseño cuádruple

Opciones		Descripción
Red	E/S de audio	1 Salida de línea
	Formato de compresión de audio	G,711, G.726
	IP	IPv4 / IPv6
	Protocolo	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), NTP, HTTP, DHCP, ICMP, IGMP, ARP, SSL, DNS
	Seguridad	Autenticación de inicio de sesión HTTPS(SSL) Registro de acceso de usuarios
	Conexiones de cámaras	64 cámaras, 8 diseños, 10 secuencias
	Compatibilidad ONVIF	No admitida
	Dispositivos admitidos	Cámaras de red Samsung (*) Axis: P3301, P3343, P3344, P1311, P1343, P1344, P1346, PTZ215, Q6032, Q7401, Q7404 (Vers. FW: 5.x) 1) Flujo de datos (Vídeo / audio en directo): SVNP 1.2 (AXIS : RTP/RTSP) 2) Alarma de red / control: SVNP 1.2 (AXIS : No admitida) * Póngase en contacto con su distribuidor para obtener detalles actualizados sobre los dispositivos de red Samsung compatibles.
	Web Viewer	SO admitidos: Windows XP / VISTA / 7 Explorador admitido: Internet Explorer 7.0 o 8.0, Firefox x2.x, 3.x, Chrome, Safari
Ambientales	Temperatura / Humedad de servicio	0°C ~ +40°C (+32°F ~ +104°F) / 0% ~ 90% HR
Eléctricas	Tensión de entrada	12V de CC
	Consumo eléctrico	Máx. 10 W
Mecánicas	Color / Material	Plata / Metal
	Dimensiones (An. x Al. x P.)	An. 178,0 x Al. 34,0 x Pr. 128,0 mm (An. 7,00 x Al 1,33 x Pr. 5,03 pulg.)
	Peso	530 g

DESCRIPCIÓN GENERAL DEL PRODUCTO

Unidad: mm (pulg.)



SOLUCIÓN DE PROBLEMAS

PROBLEMA	SOLUCIÓN
No es posible acceder al descodificador de vídeo de red utilizando el explorador de Internet.	• Si reiniciar el descodificador de vídeo de red hace lo mismo, mantenga pulsado el botón [RESET] durante unos 5 segundos para reiniciar los ajustes del descodificador de vídeo de red. • Asegúrese de que todos los cables de red se hayan conectado correctamente. • En un entorno DHCP, compruebe si el descodificador de vídeo de red se ha asignado correctamente con la dirección IP dinámica.
No puedo conectar al sistema utilizando el explorador de Internet Explorer 7.0.	• Cuando intento conectar al sistema utilizando una ficha del explorador, se comparte la información de la misma cookie, lo que provoca errores al conectar. Por tanto, en vez de utilizar la ficha del explorador, abra una nueva ventana del explorador para conectar al sistema.
Si el programa IP Installer no busca el descodificador de vídeo de red instalado en la red.	• Apague los ajustes del cortafuegos del PC y, a continuación, busque de nuevo el descodificador de red.
No aparece nada en el monitor.	• Compruebe si el monitor está conectado al descodificador de vídeo de red y si coincide con el modo de salida. • Compruebe si el monitor admite y coincide con la resolución de salida del descodificador de vídeo de red.
El monitor no muestra nada sino el logotipo y no cambia a otra pantalla.	• Si reiniciar el descodificador de vídeo de red hace lo mismo, mantenga pulsado el botón [RESET] durante unos 5 segundos para reiniciar los ajustes del descodificador de vídeo de red.

OPEN SOURCE ANNOUNCEMENT

Some software components of this product incorporate source code covered under the BSD license as follows.

Component Name	License	License URL
lighttpd 1.4.25	BSD 2.0	http://www.opensource.org/licenses/bsd-license.html
librt 1.20	BSD 1.0	
Live555	GPL 2.1	http://www.opensource.org/licenses/LGPL-2.1

lighttpd is a secure, fast, compliant, and very flexible web-server that has been optimized for high-performance environments. It has a very low memory footprint compared to other webservers and takes care of cpu-load. Its advanced feature-set (FastCGI, CGI, Auth, Output-Compression, URL-Rewriting and many more) make lighttpd the perfect webserver-software for every server that suffers load problems.

Simple Network Management Protocol (SNMP) is an Internet-standard protocol for managing devices on IP networks. It is used mostly in network management systems to monitor the devices attached to the network for conditions that need administrative attention. Net-SNMP is a suite of applications used to implement SNMP v1, SNMP v2c and SNMP v3 using both IPv4 and IPv6.

For more additional information, send email to help.cctv@samsung.com.

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Version 2.1, February 1999

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