SHINYBOW™

SB-5645AK
4x4 HDMI Matrix Switch with Audio

Inputs : 4x HDMI , 4x(DVI-D Audio)

Outputs : 4x HDMI , 4x (Audio & ARC)

SB-5645CAK
4x4 HDMI HDBaseT Matrix Switch with Audio

Inputs : 4x HDMI , 4x(DVI-D Audio)

Outputs : 4x HDMI , 4x (Audio & ARC), 4x HDBaseT Transmitter (4x RS232 in/out , 4x IR in/out)

FEATURES

SB-5645AK

1. 4x HDMI devices matrix switched to 4x HDMI with Audio or ARC outputs devices
2. HDMI digital Video with embedded Audio, DVI format and CEC/HDCP 2.0 compliant
3. Worldwide control EDID modes for High HD digital video resolutions
4. Link speeds of up to 6.75 Gbps (link clock rate 340MbHz), Support HDMI 1.4a 3D formats
5. Wide range of HD 4K2K resolutions from PC XGA to WUXGA 1920x1200 and HDTV/DTV HDMI resolutions 480i/480p, 576i/576p, 720p, 1080i/p, 4K2K.
6. Compatible with all HDMI source devices, PC monitors, Plasma HD display, HDTV and audio receivers/amplifiers
7. Digital Video TMDS formats Resolution up to 4K2K-24Hz with deep color 36-bit
8. Digital Audio Support : - Dolby TrueHD, Dolby Digital, Dolby Digital Plug/ex,
   - DTS, DTS-HD, DTS-HD Master
   - PCM, PCM2, LPCM2
9. Various User Interface control:
   - Windows based GUI control via RS232 port
   - Front Panel push button
   - IR wireless remote control
   - Ethernet switcher control
   - Third party RS232 controller (via simple ASCII)
10. Support world wide control functions: ALL/OFF/RECALL/ENTER/MEMORY/EDID/LOCK
11. Support EDID modes :
    Internal modes : 1. FSS / 2. 1080P H24-2CH / 3. 1080P H24-M-3D / 4. 1080P H36-2CH/ 5. 1080P H36-M-3D / 6. 4K2K / 7. DVI 1920x1200
    External modes : Passing mode with learning function
12. Automatic scanning input & output status via LED show on front panel
13. Support IR Remote and IR Extender with distance up to ~ 1000' (300M) Maximum
14. EDID configuration via internal modes

SB-5645CAK

1. 4x HDMI devices matrix switched to 4x HDMI+HDBaseT with Audio or ARC outputs devices
2. HDMI and HDBaseT digital Video w/embedded Audio, DVI format and CEC/HDCP 2.0 compliant
3. Worldwide control EDID modes for High HD digital Video resolutions
4. Link speeds of up to 6.75 Gbps (link clock rate 340MbHz), Support HDMI 1.4a 3D formats
5. Wide range of HD 4K2K resolutions from PC XGA to WUXGA 1920x1200 and HDTV/DTV HDMI resolutions 480i/480p, 576i/576p, 720p, 1080i/p, 4K2K.
6. Compatible with all HDMI source devices, PC monitors, Plasma HD display, HDTV and audio receivers/amplifiers
7. Digital Video TMDS formats Resolution up to 4K2K-24Hz with Deep color 36-bit
8. Digital Audio Support : - Dolby TrueHD, Dolby Digital, Dolby Digital Plug/ex,
   - DTS, DTS-HD, DTS-HD Master
   - PCM, PCM2, LPCM2
9. HDBaseT extender use 100M transmitter, CAT6 Max. 130M distance.
10. Various User Interface control:
    - Windows based GUI control via RS232 port
    - Front Panel push button
    - IR wireless remote control
    - Ethernet switcher control
    - Third party RS232 controller (via simple ASCII)
11. Support world wide control functions: ALL/OFF/RECALL/ENTER/MEMORY/EDID/LOCK
12. Support EDID modes :
    Internal modes : 1. FSS / 2. 1080P H24-2CH / 3. 1080P H24-M-3D / 4. 1080P H36-2CH/ 5. 1080P H36-M-3D / 6. 4K2K / 7. DVI 1920x1200
    External modes : Passing mode with learning function
13. Automatic scanning input & output status via LED show on front panel
14. Support IR Remote and IR Extender with distance up to ~ 1000' (300M) Maximum
15. EDID configuration via Internal modes

SPECIFICATIONS

SB-5645AK

1. Type of Switcher : 4x4 Matrix Switcher with 4x DVI Audio input and 4x Audio or ARC output
2. HDMI Compliant : 4K2K, HDMI 1.4, HDMI 1.4c, DVI 1.0
3. HDCP Supports : Compliant with HDCP 2.0 specification
4. Video Supported : 4K2K or 1080p@60Hz HDMI formats and DVI resolutions 1920x1200
5. Audio Supported : input : 1x DVI-D Audio
   output : 1x SPDIF 1. Audio support ARC audio from TV.
   2. Audio from HDMI source.
   DTS-HD Master Audio, Dolby True-HD & Dolby Digital Plus)
6. Various video input interface supporting digital video standards such as:
   - RGB/YCBCR : 24/30/36-bit
   - YCBCR : 8/10/12/16/20/24-bit
   - Double data rate interface for RGB/YCBCR : 12/15/18-bit
7. Controls : IR, IR EXT., select buttons on the front panel, Ethernet & RS232
8. 3D Supports : 3D Video format in HDMI 1.4a (340MHz)
9. Data Rates : Up To 3D-340MHz to 6.75 Gbps
10. HDMI Cable Distance : 25M, maximum 30M depend on the HDMI cable quality
11. Infrared frequency : 38KHz
12. IR Extender Distance : 300 maximum meters
13. Safety Approvals : CE, FCC, REACH, WEEE.
14. Dimensions (LWH) : 17.32"x 11.81" x 1.76" (440mm x 200mm x 44mm)
15. Power Supply : DC12V/3A input Universal Switch 100~240VAC, 47/63Hz.
16. Shipping Weight : 2.36 Kgs / 3.99 lb

SB-5645CAK

1. Type of Switcher : 4x4 HDMI-HDBaseT Matrix Switcher with 4x DVI Audio and 4x Audio or ARC
2. HDMI Compliant : 4K2K, HDMI 1.4, HDMI 1.4c, DVI 1.0
3. HDBaseT Supports : HDBaseT Extender Transmitter 840 feet (100 meters) distance.
4. HDCP Supports : Compliant with HDCP 2.0 specification
5. Video Supported : 4K2K or 1080p@60Hz HDMI formats and DVI resolutions 1920x1200
6. Audio Supported : input : 1x DVI-D Audio
   output : 1x SPDIF 1. Audio support ARC audio from TV.
   2. Audio from HDMI source.
   DTS-HD Master Audio, Dolby True-HD & Dolby Digital Plus)
7. Various video input interface supporting digital video standards such as :
   - RGB/YCBCR : 24/30/36-bit
   - YCBCR : 8/10/12/16/20/24-bit
   - Double data rate interface for RGB/YCBCR : 12/15/18-bit
8. Controls : IR, IR EXT., select buttons on the front panel, Ethernet & RS232
9. 3D Supports : 3D Video format in HDMI 1.4a (340MHz)
10. Data Rates : Up To 3D-340MHz to 6.75 Gbps
11. HDMI/HDBaseT Distance : HDMI max. 25M, HDBaseT max. 100M depend on the cable quality
12. Infrared frequency : 38KHz
13. IR Extender Distance : ~300 meters maximum (with amplifier)
14. Safety Approvals : CE, FCC, REACH, WEEE.
15. Dimensions (LWH) : 17.32"x 11.81" x 1.76" (440mm x 200mm x 44mm)
16. Power Supply : DC12V/3A input Universal Switch 100~240VAC, 47/63Hz.
17. Shipping Weight : 2.36 Kgs / 3.99 lb

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SB-5688K
8x8 HDMI Matrix Switch

Inputs : 8x HDMI Outputs : 8x HDMI, 1x Preview

SB-5688CK
8x8 HDMI HDBaseT Matrix Switch with Extension

Inputs : 8x HDMI Outputs : 8x HDMI , 8x HDBaseT Transmitter (8x RS232 in/out , 8x IR in/out)

FEATURES

SB-5688K

1. 8x HDMI devices matrix switched to 8x HDMI with support HD 4K2K resolutions devices
2. HDMI digital Video w/embedded Audio, DVI format and CEC/HDCP 2.0 compliant
3. Worldwide control EDID modes for High HD digital video resolutions
4. Link speeds of up to 6.75 Gbps (link clock rate 340MbHz), Support HDMI 1.4a 3D formats
5. Wide range of HD 4K2K resolutions from PC XGA to WUXGA 1920x1200 and HDTV/DTV HDMI resolutions 480i/480p, 576i/576p, 720p, 1080i/p, 4K2K.
6. Compatible with all HDMI source devices, PC monitors, Plasma HD display, HDTV and audio receivers/amplifiers
7. Digital Video TMDS formats Resolution up to 4K2K-24Hz with Deep color 36-bit
8. Digital Audio Support : - Dolby TrueHD, Dolby Digital, Dolby Digital Plug/ex,
   - DTS, DTS-HD, DTS-HD Master
   - PCM, PCM2, LPCM2
9. Various User Interface control:
   - ●Windows based GUI control via RS232 port
   - ●Front Panel push button
   - ●IR wireless remote control
   - ●Ethernet switch control
   - ●Third party RS232 controller (via simple ASCII)
10. Support world wide control functions: ALL/OFF/RECALL/ENTER/MEMORY/EDID/LOCK
11. Support EDID modes :
    Internal modes : 1. FSS / 2. 1080P H24-2CH / 3. 1080P H24-M-3D / 4. 1080P H36-2CH/ 5. 1080P H36-M-3D / 6. 4K2K / 7. DVI 1920x1200
    External modes : Passing mode with learning function
12. Automatic scanning input & output status via LED show on front panel
13. Support IR Remote and IR Extender with distance up to ~ 1000' (300M) Maximum
14. EDID configuration via Internal modes

SB-5688CK

1. 4x HDMI devices matrix switched to 4x HDMI+HDBaseT Transmitter outputs.
2. HDMI and HDBaseT digital Video w/embedded Audio, DVI format and CEC/HDCP 2.0 compliant
3. Worldwide control EDID modes for High HD digital Video resolutions
4. Link speeds of up to 6.75 Gbps (link clock rate 340MbHz), Support HDMI 1.4a 3D formats
5. Wide range of HD 4K2K resolutions from PC XGA to WUXGA 1920x1200 and HDTV/DTV HDMI resolutions 480i/480p, 576i/576p, 720p, 1080i/p, 4K2K.
6. Compatible with all HDMI source devices, PC monitors, Plasma HD display, HDTV and audio receivers/amplifiers
7. Digital Video TMDS formats Resolution up to 4K2K-24Hz with Deep color 36-bit
8. Digital Audio Support : - Dolby TrueHD, Dolby Digital, Dolby Digital Plug/ex,
   - DTS, DTS-HD, DTS-HD Master
   - PCM, PCM2, LPCM2
9. HDBaseT extender use 100M transmitter, CAT6 Max. 130M distance.
10. Various User Interface control:
    - ●Windows based GUI control via RS232 port
    - ●Front Panel push button
    - ●IR wireless remote control
    - ●Ethernet switcher control
    - ●Third party RS232 controller (via simple ASCII)
11. Support world wide control functions: ALL/OFF/RECALL/ENTER/MEMORY/EDID/LOCK
12. Support EDID modes :
    Internal modes : 1. FSS / 2. 1080P H24-2CH / 3. 1080P H24-M-3D / 4. 1080P H36-2CH/ 5. 1080P H36-M-3D / 6. 4K2K / 7. DVI 1920x1200
    External modes : Passing mode with learning function
13. Automatic scanning input & output status via LED show on front panel
14. Support IR Remote and IR Extender with distance up to ~ 1000' (300M) Maximum
15. EDID configuration via Internal modes

SPECIFICATIONS

SB-5688K

1. Type of Switcher : 8x8 Matrix Switcher with 4k2k resolutions devices.
2. HDMI Compliant : 4K2K, HDMI 1.4, HDMI 1.4c, DVI 1.0
3. HDCP Supports : Compliant with HDCP 2.0 specification
4. Video Supported : 4K2K or 1080p@60Hz HDMI formats and DVI resolutions 1920x1200
5. Audio Supported : DTS-HD Master Audio, Dolby True-HD & Dolby Digital Plus)
6. Various video input interface supporting digital video standards such as :
   - ●RGB/YCBCR : 24/30/36-bit
   - ●YCBCR : 8/10/12/16/20/24-bit
   - ●Double data rate interface for RGB/YCBCR : 12/15/18-bit
7. Controls : IR, IR EXT., select buttons on the front panel, Ethernet & RS232
8. 3D Supports : 3D Video format in HDMI 1.4a (340MHz)
9. Data Rates : Up To 3D-340MHz to 6.75 Gbps
10. HDMI Cable Distance : 25M, maximum 30M depend on the HDMI cable quality
11. Infrared frequency : 38KHz
12. IR Extender Distance : 300 maximum meters
13. Safety Approvals : CE, FCC, REACH, WEEE.
14. Dimensions (LWH) : 17.32"x 11.81" x 1.76" (440mm x 200mm x 44mm)
15. Power Supply : DC12V/3A input Universal Switch 100~240VAC, 47/63Hz.
16. Shipping Weight : 2.36 Kgs / 3.39 lb

SB-5688CK

1. Type of Switcher : 4x4 HDMI-HDBaseT Matrix Switcher with 4k2k resolution.
2. HDMI Compliant : 4K2K, HDMI 1.4, HDMI 1.4c, DVI 1.0
3. HDBaseT Supports : HDBaseT Extender Transmitter 840 feet (100 meters) distance.
4. HDCP Supports : Compliant with HDCP 2.0 specification
5. Video Supported : 4K2K or 1080p@60Hz HDMI formats and DVI resolutions 1920x1200
6. Audio Supported : DTS-HD Master Audio, Dolby True-HD & Dolby Digital Plus)
7. Various video input interface supporting digital video standards such as :
   - ●RGB/YCBCR : 24/30/36-bit
   - ●YCBCR : 8/10/12/16/20/24-bit
   - ●Double data rate interface for RGB/YCBCR : 12/15/18-bit
8. Controls : IR, IR EXT., select buttons on the front panel & RS232
9. 3D Supports : 3D Video format in HDMI 1.4a (340MHz)
10. Data Rates : Up To 3D-340MHz to 6.75 Gbps
11. HDMI/HDBaseT Distance : HDMI max. 25M, HDBaseT max. 100M depend on the cable quality
12. Infrared frequency : 38KHz
13. IR Extender Distance : 300 maximum meters (with amplifier)
14. Safety Approvals : CE, FCC, REACH, WEEE.
15. Dimensions (LWH) : 17.32"x 11.81" x 3.46" (440mm x 300mm x 88mm)
16. Power Supply : DC12V/3A input Universal Switch 100~240VAC, 47/63Hz.
17. Shipping Weight : 2.36 Kgs / 3.99 lb

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SB-5688AK
8x8 HDMI Matrix Switch with Audio

Inputs : 8x HDMI , 8x (DVI-D Audio) Outputs : 8x HDMI , 8x(Audio & ARC)

SB-5688CAK
8x8 HDMI HDBaseT Matrix Switch with Audio and Extension

Inputs : 8x HDMI , 8x(DVI-D Audio)

Outputs : 8x HDMI , 8x (Audio & ARC), 8x HDBaseT Transmitter (8x RS232 in/out , 8x IR in/out)

FEATURES

SB-5688AK

1. 8x HDMI devices matrix switched to 8x HDMI with Audio or ARC outputs devices
2. HDMI digital Video w/embedded Audio, DVI format and CEC/HDCP 2.0 compliant
3. Worldwide control EDID modes for High HD digital Video resolutions
4. Link speeds of up to 6.75 Gbps (link clock rate 340MbHz), Support HDMI 1.4a 3D formats
5. Wide range of HD 4K2K resolutions from PC XGA to WUXGA 1920x1200 and HDTV/DTV HDMI resolutions 480i/480p, 576i/576p, 720p, 1080i/p, 4K2K.
6. Compatible with all HDMI source devices, PC monitors, Plasma HD display, HDTV and audio receivers/amplifiers
7. Digital Video TMDS formats Resolution up to 4K2K-24Hz with Deep color 36-bit
8. Digital Audio Support : - Dolby TrueHD, Dolby Digital, Dolby Digital Plug/ex,
   - DTS, DTS-HD, DTS-HD Master
   - PCM, PCM2, LPCM2
9. Various User Interface control:
   - ●Windows based GUI control via RS232 port
   - ●Front Panel push button
   - ●IR wireless remote control
   - ●Ethernet control switcher
   - ●Third party RS232 controller (via simple ASCII)
10. Support world wide control functions: ALL/OFF/RECALL/ENTER/MEMORY/EDID/LOCK
11. Support EDID modes :
    Internal modes : 1. FSS / 2. 1080P H24-2CH / 3. 1080P H24-M-3D / 4. 1080P H36-2CH/
    5. 1080P H36-M-3D / 6. 4K2K / 7. DVI 1920x1200
    External modes : Passing mode with learning function
12. Automatic scanning input & output status via LED show on front panel
13. Support IR Remote and IR Extender with distance up to ~ 1000' (300M) Maximum
14. EDID configuration via Internal modes

SB-5688CAK

1. 8x HDMI devices matrix switched to 8x HDMI+HDBaseT with Audio or ARC outputs devices
2. HDMI and HDBaseT digital Video w/embedded Audio, DVI format and CEC/HDCP 2.0 compliant
3. Worldwide control EDID modes for High HD digital Video resolutions
4. Link speeds of up to 6.75 Gbps (link clock rate 340MbHz), Support HDMI 1.4a 3D formats
5. Wide range of HD 4K2K resolutions from PC XGA to WUXGA 1920x1200 and HDTV/DTV HDMI resolutions 480i/480p, 576i/576p, 720p, 1080i/p, 4K2K.
6. Compatible with all HDMI source devices, PC monitors, Plasma HD display, HDTV and audio receivers/amplifiers
7. Digital Video TMDS formats Resolution up to 4K2K-24Hz with Deep color 36-bit
8. Digital Audio Support : - Dolby TrueHD, Dolby Digital, Dolby Digital Plug/ex,
   - DTS, DTS-HD, DTS-HD Master
   - PCM, PCM2, LPCM2
9. HDBaseT extender use 100M transmitter, CAT6 Max. 130M distance.
10. Various User Interface control:
    - ●Windows based GUI control via RS232 port
    - ●Front Panel push button
    - ●IR wireless remote control
    - ●Ethernet control switcher
    - ●Third party RS232 controller (via simple ASCII)
11. Support world wide control functions: ALL/OFF/RECALL/ENTER/MEMORY/EDID/LOCK
12. Support EDID modes :
    Internal modes : 1. FSS / 2. 1080P H24-2CH / 3. 1080P H24-M-3D / 4. 1080P H36-2CH/
    5. 1080P H36-M-3D / 6. 4K2K / 7. DVI 1920x1200
    External modes : Passing mode with learning function
13. Automatic scanning input & output status via LED show on front panel
14. Support IR Remote and IR Extender with distance up to ~ 1000' (300M) Maximum
15. EDID configuration via Internal modes

SPECIFICATIONS

SB-5688AK

1. Type of Switcher : 8x8 Matrix Switcher with 8x DVI Audio input and 8x Audio or ARC output
2. HDMI Compliant : 4K2K, HDMI 1.4, HDMI 1.4c, DVI 1.0
3. HDCP Supports : Compliant with HDCP 2.0 specification
4. Video Supported : 4K2K or 1080p@60Hz HDMI formats and DVI resolutions 1920x1200
5. Audio Supported : input : 1x DVI-D Audio
   output : 1x SPDIF 1. Audio support ARC audio from TV.
   2 .Audio from HDMI source.
   DTS-HD Master Audio, Dolby True-HD & Dolby Digital Plus)
6. Various video input interface supporting digital video standards such as :
   - ●RGB/YCBCR : 24/30/36-bit
   - ●YCBCR : 8/10/12/16/20/24-bit
   - ●Double data rate interface for RGB/YCBCR : 12/15/18-bit
7. Controls : IR, IR EXT., select buttons on the front panel, Ethernet & RS232
8. 3D Supports : 3D Video format in HDMI 1.4a (340MHz)
9. Data Rates : Up To 3D-340MHz to 6.75 Gbps
10. HDMI Cable Distance : 25M, maximum 30M depend on the HDMI cable quality
11. Infrared frequency : 38KHz
12. IR Extender Distance : ~300 meters maximum
13. Safety Approvals : CE, FCC, REACH, WEEE.
14. Dimensions (LWH) : 17.32"x 11.81" x 1.76" (440mm x 200mm x 44mm)
15. Power Supply : DC12V/3A input Universal Switch 100~240VAC, 47/63Hz.
16. Shipping Weight : 3.56 Kgs / 4.56 lb

SB-5688CAK

1. Type of Switcher : 8x8 HDMI-HDBaseT Matrix Switcher with 8x DVI Audio and 8x Audio or ARC
2. HDMI Compliant : 4K2K, HDMI 1.4, HDMI 1.4c, DVI 1.0
3. HDBaseT Supports : HDBaseT Extender Transmitter 840 feet (100 meters) distance.
4. HDCP Supports : Compliant with HDCP 2.0 specification
5. Video Supported : 4K2K or 1080p@60Hz HDMI formats and DVI resolutions 1920x1200
6. Audio Supported : input : 1x DVI-D Audio
   output : 1x SPDIF 1. Audio support ARC audio from TV.
   2 Audio from HDMI source.
   DTS-HD Master Audio, Dolby True-HD & Dolby Digital Plus)
7. Various video input interface supporting digital video standards such as :
   - ●RGB/YCBCR : 24/30/36-bit
   - ●YCBCR : 8/10/12/16/20/24-bit
   - ●Double data rate interface for RGB/YCBCR : 12/15/18-bit
8. Controls : IR, IR EXT., select buttons on the front panel, Ethernet & RS232
9. 3D Supports : 3D Video format in HDMI 1.4a (340MHz)
10. Data Rates : Up To 3D-340MHz to 6.75 Gbps
11. HDMI/HDBaseT Distance : HDMI max. 25M, HDBaseT max. 100M depend on the cable quality
12. Infrared frequency : 38KHz
13. IR Extender Distance : ~300 meters maximum (with amplifier)
14. Safety Approvals : CE, FCC, REACH, WEEE.
15. Dimensions (LWH) : 17.32"x 11.81" x 3.46" (440mm x 300mm x 88mm)
16. Power Supply : Input Universal Switch 100~240VAC, 47/63Hz.
17. Shipping Weight : 3.96 Kgs / 4.88 lb

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SB-5680
8x8 HDMI HDBaseT Matrix Switch with Audio

Support Input Select both HDMI or HDBaseT, ARC Audio outputs, HDBaseT Transmitter with PoE

Inputs : 8x HDMI , 8x(DVI-D Audio) ,8x HDBaseT Receiver

Outputs : 8x HDMI, 8x (Audio & ARC), 8x HDBaseT Transmitter(8x RS232 in/out-Terminal Block, 8x IR in/out, 2x Ethernet in/out)

FEATURES

1. 8x HDMI-HDBaseT devices matrix switched to 8x HDMI+HDBaseT with Audio or ARC outputs devices
2. HDMI and HDBaseT digital Video w/embedded Audio, DVI format and CEC/HDCP 2.0 compliant
3. Worldwide control EDID modes for High HD digital Video resolutions
4. Link speeds of up to 6.75 Gbps (link clock rate 340MbHz), Support HDMI 1.4a 3D formats
5. Wide range of HD 4K2K resolutions from PC XGA to WUXGA 1920x1200 and HDTV/DTV HDMI resolutions 480i/480p, 576i/576p, 720p, 1080i/p, 4K2K.
6. Compatible with all HDMI source devices, PC monitors, Plasma HD display, HDTV and audio receivers/amplifiers
7. Digital Video TMDS formats Resolution up to 4K2K-24Hz with Deep color 36-bit
8. Digital Audio Support : - Dolby TrueHD, Dolby Digital, Dolby Digital Plug/ex,
   - DTS, DTS-HD, DTS-HD Master
   - PCM, PCM2, LPCM2
9. HDBaseT extender use 100M transmitter, CAT6 Max. 130M distance.
10. Various User Interface control:
    - ●Windows based GUI control via RS232 port
    - ●Front Panel push button
    - ●IR wireless remote control
    - ●Ethernet control switcher
    - ●Third party RS232 controller (via simple ASCII)
11. Support world wide control functions: ALL/OFF/RECALL/ENTER/MEMORY/EDID/LOCK
12. Support EDID modes :
    Internal modes : 1. FSS / 2. 1080P H24-2CH / 3. 1080P H24-M-3D / 4. 1080P H36-2CH/
    5. 1080P H36-M-3D / 6. 4K2K / 7. DVI 1920x1200
    External modes : Passing mode with learning function
13. Automatic scanning input & output status via LED show on front panel
14. Support IR Remote and IR Extender with distance up to ~ 1000' (300M) Maximum
15. EDID configuration via Internal modes

SPECIFICATIONS

1. Type of Switcher : 8x8 HDMI-HDBaseT Matrix Switcher with 8x DVI Audio and 8x Audio or ARC
2. HDMI Compliant : 4K2K, HDMI 1.4, HDMI 1.4c, DVI 1.0
3. HDBaseT Supports : input & output HDBaseT Extender Transmitter 840 feet (100 meters) distance.
4. HDCP Supports : Compliant with HDCP 2.0 specification
5. Video Supported : 4K2K or 1080p@60Hz HDMI formats and DVI resolutions 1920x1200
6. Audio Supported : input : 1x DVI-D Audio
   output : 1x SPDIF 1. Audio support ARC audio from TV.
   2. Audio from HDMI source.
   DTS-HD Master Audio, Dolby True-HD & Dolby Digital Plus)
7. Various video input interface supporting digital video standards such as :
   - ●RGB/YCBCR : 24/30/36-bit
   - ●YCBCR : 8/10/12/16/20/24-bit
   - ●Double data rate interface for RGB/YCBCR : 12/15/18-bit
8. Controls : IR, IR EXT., select buttons on the front panel, Ethernet & RS232
9. 3D Supports : 3D Video format in HDMI 1.4a (340MHz)
10. Data Rates : Up To 3D-340MHz to 6.75 Gbps
11. HDMI/HDBaseT Distance : HDMI max. 25M, HDBaseT max. 100M depend on the cable quality
12. Infrared frequency : 38KHz
13. IR Extender Distance : ~300 meters maximum (with amplifier)
14. Safety Approvals : CE, FCC, REACH, WEEE.
15. Dimensions (LWH) : 17.32"x 11.81" x 5.20" (440mm x 300mm x 132mm)
16. Power Supply : DC12V/3A input Universal Switch 100~240VAC, 47/63Hz.
17. Shipping Weight : 4.45 Kgs / 7.41 lb

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SHINYBOW™

SB-5669K
16x16 HDMI MATRIX SWITCHER

Inputs : 16x HDMI

Outputs : 16x HDMI

FEATURES

1. 16x HDMI devices matrix switched to 16x HDMI with support HD 4K2K resolutions devices
2. HDMI digital Video w/embedded Audio, DVI format and CEC/HDCP 2.0 compliant
3. Worldwide control EDID modes for High HD digital Video resolutions
4. Link speeds of up to 6.75 Gbps (link clock rate 340MbHz), Support HDMI 1.4a 3D formats
5. Wide range of HD 4K2K resolutions from PC XGA to WUXGA 1920x1200 and HDTV/DTV HDMI resolutions 480i/480p, 576i/576p, 720p, 1080i/p, 4K2K.
6. Compatible with all HDMI source devices, PC monitors, Plasma HD display, HDTV and audio receivers/amplifiers
7. Digital Video TMDS formats Resolution up to 4K2K-24Hz with Deep color 36-bit
8. Digital Audio Support : - Dolby TrueHD, Dolby Digital, Dolby Digital Plug/ex,
   - DTS, DTS-HD, DTS-HD Master
   - PCM, PCM2, LPCM2
9. Various User Interface control:
   - ●Windows based GUI control via RS232 port
   - ●Front Panel push button
   - ●IR wireless remote control
   - ●Ethernet control switcher
   - ●Third party RS232 controller (via simple ASCII)
10. Support world wide control functions: ALL/OFF/RECALL/ENTER/MEMORY/EDID/LOCK
11. Support EDID modes :
    Internal modes : 1. FSS / 2. 1080P H24-2CH / 3. 1080P H24-M-3D / 4. 1080P H36-2CH/
    5. 1080P H36-M-3D / 6. 4K2K / 7. DVI 1920x1200
    External modes : Passing mode with learning function
12. Automatic scanning input & output status via LED show on front panel
13. Support IR Remote and IR Extender with distance up to ~ 1000' (300M) Maximum
14. EDID configuration via Internal modes

SPECIFICATIONS

1. Type of Switcher : 16x16 Matrix Switcher with 4k2k resolutions devices.
2. HDMI Compliant : 4K2K, HDMI 1.4, HDMI 1.4c, DVI 1.0
3. HDCP Supports : Compliant with HDCP 2.0 specification
4. Video Supported : 4K2K or 1080p@60Hz HDMI formats and DVI resolutions 1920x1200
5. Audio Supported : DTS-HD Master Audio, Dolby True-HD & Dolby Digital Plus)
6. Various video input interface supporting digital video standards such as :
   - ●RGB/YCBCR : 24/30/36-bit
   - ●YCBCR : 8/10/12/16/20/24-bit
   - ●Double data rate interface for RGB/YCBCR : 12/15/18-bit
7. Controls : IR, IR EXT., select buttons on the front panel, Ethernet & RS232
8. 3D Supports : 3D Video format in HDMI 1.4a (340MHz)
9. Data Rates : Up To 3D-340MHz to 6.75 Gbps
10. HDMI Cable Distance : 25M, maximum 30M depend on the HDMI cable quality
11. Infrared frequency : 38KHz
12. IR Extender Distance : ~300 meters maximum
13. Safety Approvals : CE, FCC, REACH, WEEE.
14. Dimensions (LWH) : 17.32"x 11.81" x 3.46" (440mm x 300mm x 884mm)
15. Power Supply : input Universal Switch 100~240VAC, 47/63Hz.
16. Shipping Weight : 2.36 Kgs / 3.39 lb

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SB-5669CK
16x16 HDMI HDBaseT MATRIX SWITCHER
Support HDBaseT Transmitter outputs

Inputs : 16x HDMI

Outputs : 16x HDMI , 16x HDBaseT Transmitter (16x RS232 in/out , 16x IR in/out)

FEATURES

1. 16x HDMI devices matrix switched to 16x HDMI+HDBaseT Transmitter outputs.
2. HDMI and HDBaseT digital Video w/embedded Audio, DVI format and CEC/HDCP 2.0 compliant
3. Worldwide control EDID modes for High HD digital Video resolutions
4. Link speeds of up to 6.75 Gbps (link clock rate 340MbHz), Support HDMI 1.4a 3D formats
5. Wide range of HD 4K2K resolutions from PC XGA to WUXGA 1920x1200 and HDTV/DTV HDMI resolutions 480i/480p, 576i/576p, 720p, 1080i/p, 4K2K.
6. Compatible with all HDMI source devices, PC monitors, Plasma HD display, HDTV and audio receivers/amplifiers
7. Digital Video TMDS formats Resolution up to 4K2K-24Hz with Deep color 36-bit
8. Digital Audio Support : - Dolby TrueHD, Dolby Digital, Dolby Digital Plug/ex,
   - DTS, DTS-HD, DTS-HD Master
   - PCM, PCM2, LPCM2
9. HDBaseT extender use 100M transmitter, CAT6 Max. 130M distance.
10. Various User Interface control:
    - ●Windows based GUI control via RS232 port
    - ●Front Panel push button
    - ●IR wireless remote control
    - ●Ethernet control switcher
    - ●Third party RS232 controller (via simple ASCII)
11. Support world wide control functions: ALL/OFF/RECALL/ENTER/MEMORY/EDID/LOCK
12. Support EDID modes :
    Internal modes : 1. FSS / 2. 1080P H24-2CH / 3. 1080P H24-M-3D / 4. 1080P H36-2CH/
    5. 1080P H36-M-3D / 6. 4K2K / 7. DVI 1920x1200
    External modes : Passing mode with learning function
13. Automatic scanning input & output status via LED show on front panel
14. Support IR Remote and IR Extender with distance up to ~ 1000' (300M) Maximum
15. EDID configuration via Internal modes

SPECIFICATIONS

1. Type of Switcher : 16x16 HDMI-HDBaseT Matrix Switcher with 4k2k resolution.
2. HDMI Compliant : 4K2K, HDMI 1.4, HDMI 1.4c, DVI 1.0
3. HDBaseT Supports : HDBaseT Extender Transmitter 840 feet (100 meters) distance.
4. HDCP Supports : Compliant with HDCP 2.0 specification
5. Video Supported : 4K2K or 1080p@60Hz HDMI formats and DVI resolutions 1920x1200
6. Audio Supported : DTS-HD Master Audio, Dolby True-HD & Dolby Digital Plus)
7. Various video input interface supporting digital video standards such as :
   - ●RGB/YCBCR : 24/30/36-bit
   - ●YCBCR : 8/10/12/16/20/24-bit
   - ●Double data rate interface for RGB/YCBCR : 12/15/18-bit
8. Controls : IR, IR EXT., select buttons on the front panel & RS232
9. 3D Supports : 3D Video format in HDMI 1.4a (340MHz)
10. Data Rates : Up To 3D-340MHz to 6.75 Gbps
11. HDMI/HDBaseT Distance : HDMI max. 25M, HDBaseT max. 100M depend on the cable quality
12. Infrared frequency : 38KHz
13. IR Extender Distance : ~300 meters maximum (with amplifier)
14. Safety Approvals : CE, FCC, REACH, WEEE.
15. Dimensions (LWH) : 17.32"x 11.81" x 5.19" (440mm x 300mm x 132mm)
16. Power Supply : input Universal Switch 100~240VAC, 47/63Hz.
17. Shipping Weight : 5.25 Kgs / 8.75 lb

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HDMI HDBaseT Extender with Audio Series

HDMI HDBaseT 100M Extender with PoE

SB-6320T5

HDMI HDBaseT Transmitterr with Audio + Ethernet + PoE

Inputs : 1x HDMI, 1x DVI-D Audio, 1x RS-232 i/o, 1xIR in/out, 2x Ethernet i/o
Output : 1x HDBaseT, PoE supported

SB-6320R5

HDMI HDBaseT Receiver with Audio+Ethernet +PoE

Inputs : 1x HDBaseT, PoE supported
Outputs : 1x HDMI, 1x SPDIF, 1x RS-232 i/o, 1xIR in/out, 2x Ethernet i/o

HDMI HDBaseT 100M Extender with Ethernet

SB-6320T4

HDMI HDBaseT Transmitter with Audio + Ethernet

Inputs : 1x HDMI, 1x DVI-D Audio, 1x RS-232 i/o, 1xIR in/out, 2x Ethernet i/o
Output : 1x HDBaseT

SB-6320R4

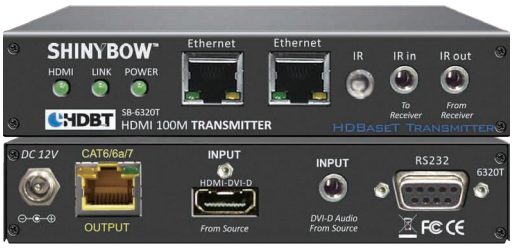
HDMI HDBaseT Receiver with Audio + Ethernet

Inputs : 1x HDBaseT
Outputs : 1x HDMI, 1x SPDIF, 1x RS-232 i/o, 1xIR in/out, 2x Ethernet i/o

HDMI HDBaseT Extender with IR & RS-232

SB-6320T

HDMI HDBaseT Transmitter with Audio



Inputs : 1x HDMI, 1x DVI-D Audio, 1x RS-232 i/o, 1xIR in/out, 2x Ethernet i/o
Output : 1x HDBaseT

SB-6320R

HDMI HDBaseT Receiver with Audio

Inputs : 1x HDBaseT
Outputs : 1x HDMI, 1x SPDIF, 1x RS-232 i/o, 1xIR in/out, 2x Ethernet i/o

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HDMI HDBaseT Extender Series

HDMI HDBaseT 100M Extender with PoE

SB-6335T5

HDMI HDBaseT Transmitter with Ethernet + PoE

Inputs : 1x HDMI, 1x RS-232 i/o, 1xIR in/out, 1x Ethernet i/o
Output : 1x HDBaseT, PoE supported

SB-6335R5

HDMI HDBaseT Receiver with Ethernet +PoE

Inputs : 1x HDBaseT, PoE supported
Outputs : 1x HDMI, 1x RS-232 i/o, 1xIR in/out, 1x Ethernet i/o

HDMI HDBaseT 100M Extender with Ethernet

SB-6335T4

HDMI HDBaseT Transmitter with Ethernet

Inputs : 1x HDMI, 1x RS-232 i/o, 1xIR in/out, 1x Ethernet i/o
Output : 1 x HDBaseT

SB-6335R4

HDMI HDBaseT Receiver with Ethernet

Inputs : 1x HDBaseT
Outputs : 1x HDMI, 1x RS-232 i/o, 1xIR in/out, 1x Ethernet i/o

HDMI HDBaseT 100M Extender with IR & RS-232

SB-6335T

HDMI HDBaseT Transmitter

Inputs : 1x HDMI, 1x RS-232 i/o, 1xIR in/out
Output : 1x HDBaseT

SB-6335R

HDMI HDBaseT Receiver

Inputs : 1x HDBaseT
Outputs : 1x HDMI, 1x RS-232 i/o, 1xIR in/out

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HDMI HDBaseT Extender

HDMI HDBaseT 70M Extender with RS-232

SB-6333T

HDMI HDBaseT Transmitter with RS-232

Inputs : 1x HDMI, 1x RS-232 i/o, 1xIR in/out
Output : 1x HDBaseT

SB-6333R

HDMI HDBaseT Receiver with RS-232

Inputs : 1x HDBaseT
Outputs : 1x HDMI, 1x RS-232 i/o, 1xIR in/out

DVI HDBaseT 100M Extender with PoE

DVI HDBaseT 100M Extender with PoE

SB-6334T5

DVI HDBaseT Transmitter with Ethernet + PoE

Inputs : 1x DVI, 1x RS-232 i/o, 1xIR in/out, 1x Ethernet i/o
Output : 1x HDBaseT, PoE supported

SB-6334R5

DVI HDBaseT Receiver with Ethernet +PoE

Inputs : 1x HDBaseT, PoE supported
Outputs : 1x DVI, 1x RS-232 i/o, 1xIR in/out, 1x Ethernet i/o

DVI HDBaseT 100M Extender with Ethernet

SB-6334T4

DVI HDBaseT Transmitter with Ethernet

Inputs : 1x DVI, 1x RS-232 i/o, 1xIR in/out, 1x Ethernet i/o
Output : 1x HDBaseT

SB-6334R4

DVI HDBaseT Receiver with Ethernet

Inputs : 1x HDBaseT
Outputs : 1x DVI, 1x RS-232 i/o, 1xIR in/out, 1x Ethernet i/o

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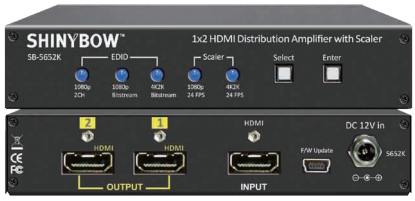
1x2, 1x4, 1x8, 1x16 HDMI 4K2K Distribution Amplifier

Support 3 EDID modes and scaling up 4K2K-24Hz or scaling down 1080p-24Hz

SB-5652K

1x2 HDMI DISTRIBUTION AMPLIFIER with Scaler

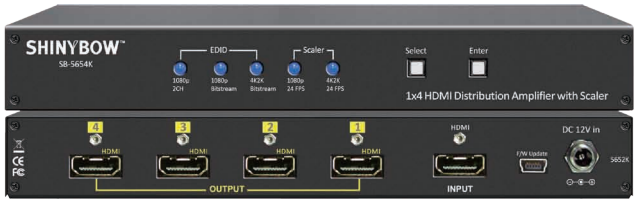
Inputs : 1x HDMI Outputs : 2x HDMI



SB-5654K

1x4 HDMI DISTRIBUTION AMPLIFIER with Scaler

Inputs : 1x HDMI Outputs : 4x HDMI



SB-5658K

1x8 HDMI DISTRIBUTION AMPLIFIER with Scaler

Inputs : 1x HDMI Outputs : 8x HDMI

SB-5659K

1x16 HDMI DISTRIBUTION AMPLIFIER with Scaler

Inputs : 1x HDMI Outputs : 16x HDMI

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