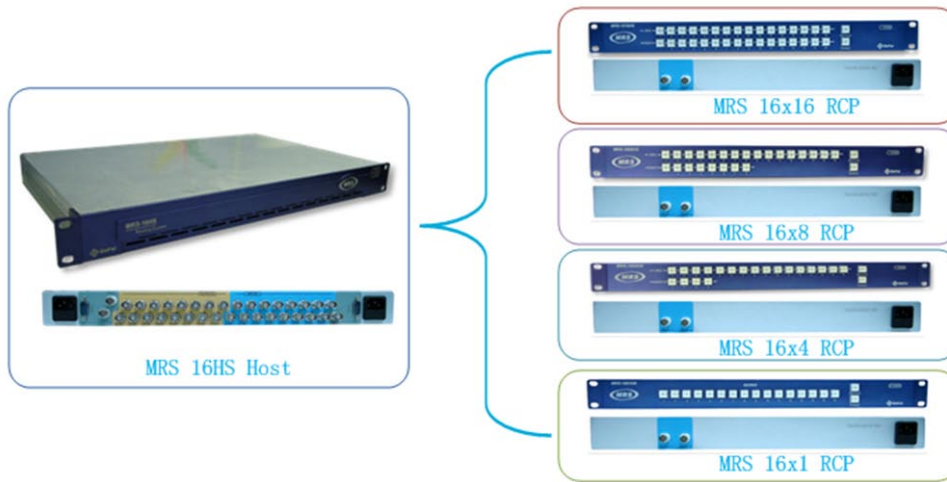


MRS 1616-HS Series

16x16 SD/HD Smart Router Series

MRS1616-HS SD/HD SDI series is a kind of digital signal switcher with high quality and low cost, which suits for middle-small sized broadcasting system, designed by Gefei Tech. The switching system adopts field blank switching, supplies independent external sync. interface, The separation of the host and remote control panel makes it more convenient to use. The host is 1U chassis, with dual power, which support simultaneously controlled by two remote control panels; through RS232 user can control the host by professional software on PC



Key Features

- 20 bit digitization processing, high quality, high stability, to ensure the safety and reliability of broadcasting
- Support independent 16 channel bus outputs, and SD/HD inputs auto senescing
- Support external BB using field vanishing switching processing to ensure the switching without flicker and noise
- The host can be configured to support simultaneously controlled by two RCP through RS485
- Convenient to control by software through RS232
- 1U chassis, with dual power

Technical Specification

MRS 1601-HS



Host input interface

Input 16*SD/HD-SDI

Host output interface

Output 1*SD/HD-SDI

Amplitude 800±5%

Jitter <0.2UI

Format 525i30 625i25 720P50

720P60 720P60/M 1080i50

1080i60 1080i60/M 1080sf24

1080sf24/M1080P241080P24/M

1080P25 1080P30

BB input

Input 1*BB PAL/NTSC

Host controller interface

Connector 1xRS232 DB9 male

2xRS485 BNC

Power 2X120W

Dimensions

44 mm x440 mm (19Inch)x320 mm

Remote controller panel interface

Connector 2xRS485 BNC

Power 1X2.5W

Dimensions

Size: 44 mm x440 mm x80 mm

MRS 1604-HS



Host input interface

Input 16*SD/HD-SDI

Host output interface

Output 4*SD/HD-SDI

Amplitude 800±5%

Jitter <0.2UI

Format 525i30 625i25 720P50

720P60 720P60/M 1080i50

1080i60 1080i60/M 1080sf24

1080sf24/M 1080P24 1080P24/M

1080P25 1080P30

BB input

Input 1*BBPAL/NTSC

Host controller interface

Connector 1xRS232 DB9 male

2xRS485 BNC

Power 2X120W

Dimensions

44 mm x440 mm (19Inch)x320 mm

Remote controller panel interface

Connector 2xRS485 BNC

Power 1X2.5W

Dimensions

Size: 44 mm x440 mm x80 mm

MRS 1608-HS



Host input interface

Input 16*SD/HD-SDI

Host output interface

Output 8*SD/HD-SDI

Amplitude 800±5%

Jitter <0.2UI

Format 525i30 625i25 720P50

720P60 720P60/M 1080i50

1080i60 1080i60/M 1080sf24

1080sf24/M 1080P24 1080P24/M

1080P25 1080P30

BB input

Input 1*BB PAL/NTSC

Host controller interface

Connector 1xRS232 DB9 male

2xRS485 BNC

Power 2X120W

Dimensions

44 mm x440 mm (19Inch)x320 mm

Remote controller panel interface

Connector 2xRS485 BNC

Power 1X2.5W

Dimensions

Size: 44 mm x440 mm x80 mm

MRS 1616-HS



Host input interface

Input 16*SD/HD-SDI

Host output interface

Output 16*SD/HD-SDI

Amplitude 800±5%

Jitter <0.2UI

Format 525i30 625i25 720P50

720P60 720P60/M 1080i50

1080i60 1080i60/M 1080sf24

1080sf24/M 1080P24 1080P24/M

1080P25 1080P30

BB input

Input 1*BB PAL/NTSC

Host controller interface

Connector 1xRS232 DB9 male

2xRS485 BNC

Power 2X120W

Dimensions

44 mm x440 mm (19Inch)x320 mm

Remote controller panel interface

Connector 2xRS485 BNC

Power 1X2.5W

Dimensions

Size: 44 mm x440 mm x80 mm