

4:1 Quad Multi-Viewer with Seamless Switching



User Manual Version 1.1

Thank you for purchasing this product

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

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1. Introduction

The SC03.1404 quad multi-viewer has 12 segmentation modes for viewing 4 x HDMI signals on the same screen, including 4 equal segments as one of the modes. The unit can also be used as a seamless switch for viewing individual inputs. When the screen is split into segments, audio can be switched independently for any of the 4 inputs. Switch modes are selected using the buttons located on the front panel or using the infra-red remote supplied.

For installations where the 4 sources are located in a remote location, we recommend a Scion SC05.6000 HDMI extender to keep the number of products and cables behind the screen to a minimum.

The switch requires no setting up or adjustments making a simple plug & play solution. This switch is ideal for general TV viewing, public displays, CCTV and much more.

2. Features

- 4 x HDMI Inputs / 1 x HDMI Output
- 1080p/60Hz, 4:4:4, HDMI 1.3, HDCP 1.4
- Seamless switching between inputs
- Supports PCM 2CH
- Independent audio switching
- 12 segmentation modes
- Control: front panel buttons & infrared
- No software, just plug & play

3. Package contents

Transmitter

- 1 x Main Unit
- 1 x 12V/1A Power Adaptor
- 1 x IR Remote Control
- 1 x Rack Ears (set)
- 1 x User Manual

4. Specifications

Input Connectivity

Signal: 4 x HDMI Type A, 19-Pin Female

Power: DC Jack Socket

Output Connectivity

Signal: 1 x HDMI Type A, 19-Pin Female

Signal

Signal Input: HDMI

Standards: HDMI 1.3, HDCP 1.4

Bandwidth: 4.95Gbps

Video Resolutions: 1080p/60Hz

HDMI Cable Lengths: Input 8m and Output 15m

Audio: PCM, Dolby Digital™ and DTS Digital Surround™

Infra-Red Control: Frequency 30KHz to 56KHz (940nm)

Power

Type: AC to DC Mains Adaptor

Input: 100~240V AC 50/60Hz

Output: 12V/2.5A DC

Consumption: 7 Watts

Environment

Operating Temperature: -5° to 35°C

Operating Humidity: 5 to 90% RH (no condensation)

Dimensions: (W) 190 x (D) 113 x (H) 17

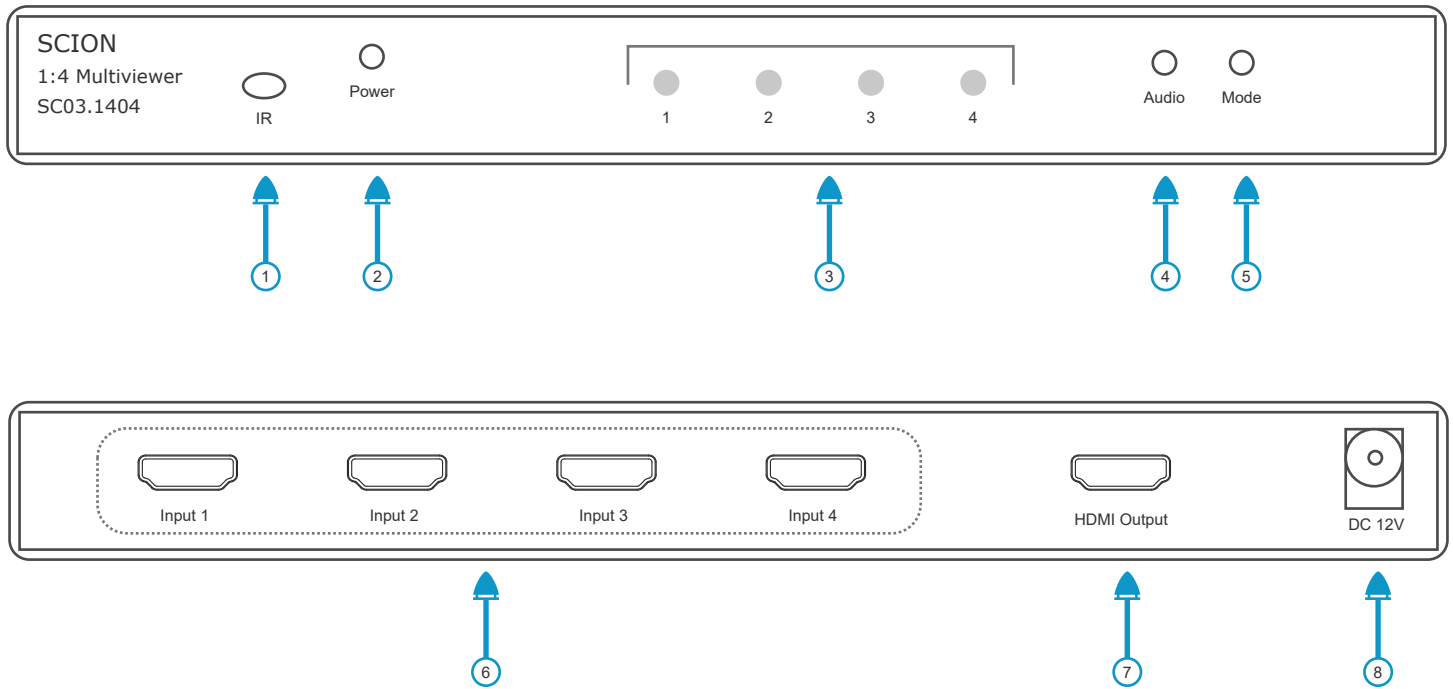
Weight: 480g

Colour: Black

VESA Resolutions

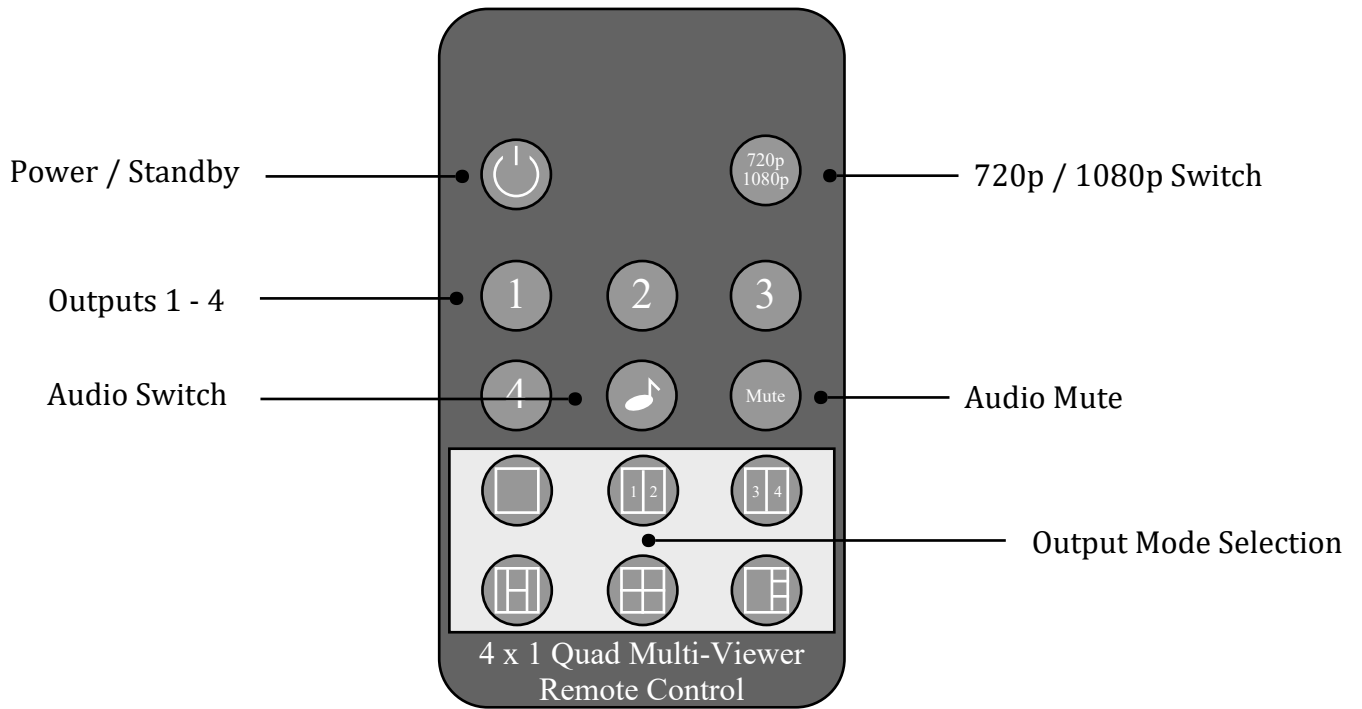
640 x 480, 800 x 600, 1024 x 768, 1280 x 768, 1280 x 1024, 1680 x 1050, 1920 x 1080, 1280 x 720, 1360 x 768, 1920 x 1200, 1280 x 1024

5. Panel Description



- 1. Infrared receiver window
- 2. Power LED
- 3. HDMI input LED indicators
- 4. Audio selection switch
- 5. Mode selection switch
- 6. HDMI Inputs 1 to 4
- 7. HDMI Output
- 8. DC Power input

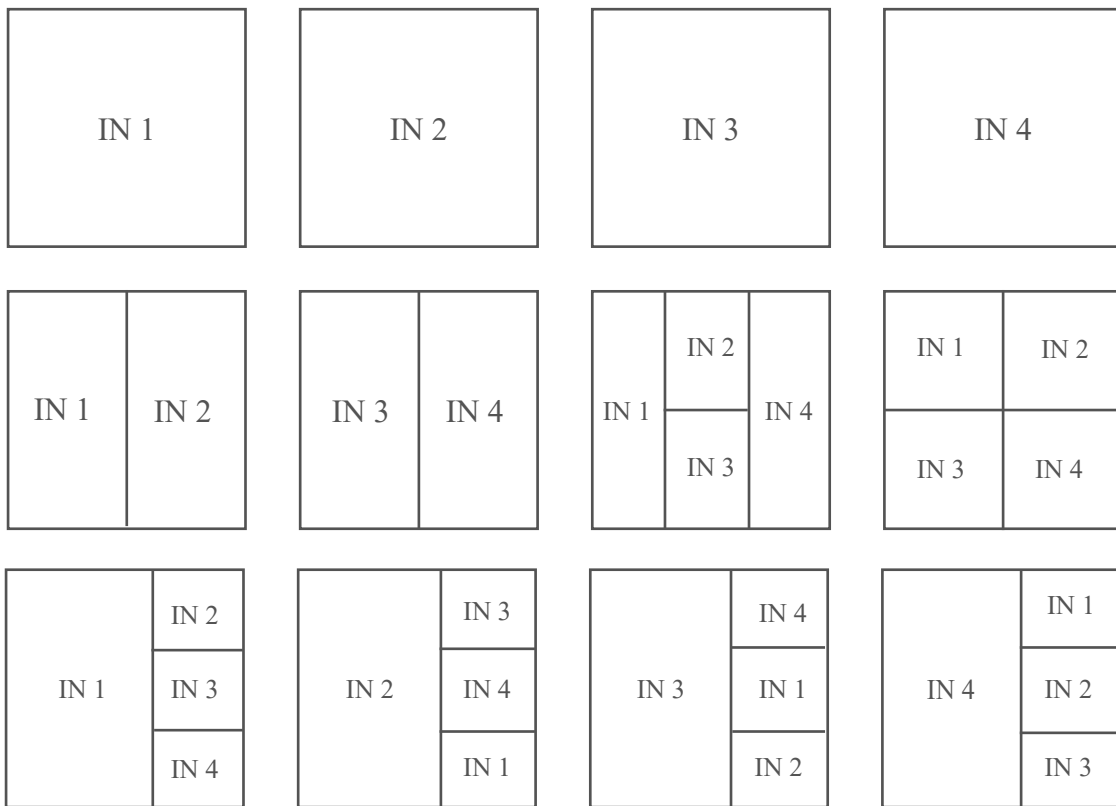
6. Infrared Remote Control



7. Connection Diagram



8. Segments Options



9. Maintenance

Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner or benzene to clean these devices.

9.1 Servicing

Damage requiring service: This product should be serviced by a qualified service engineer if:

- The DC power cord or AC adaptor has been damaged.
- Objects or liquids have entered the housings.
- The product has been exposed to rain.
- The product has stopped working or shows signs of significant change in operating performance or function.
- The unit has been dropped or severely damaged externally.

Servicing personnel: Do not attempt to service the product beyond that described in these instructions. Refer all other servicing to authorised serving personnel.

Replacement parts: When parts need replacing ensure the service engineer uses parts specified by the manufacture or parts that have the same characteristics as the original parts. Unauthorised substitutes may result in fire, electric shock or other hazards.

Safety check: After a repair or service, ask the engineer to perform safety checks to confirm the product is in proper working condition.

9.2 Warranty

If your product does not work properly because of a defect in materials or workmanship, our Company (referred to as "the warrantor") will , for the length of the period indicated as below, (Parts and labour 2 years) which starts with the date of original purchase ("Limited Warranty period"), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.

During the "Labour" Limited Warranty period there will be no charge for labour. During the "Parts" warranty period, there will be no charge for parts. You must mail-in your product during the warranty period. This Limited Warranty is extended only to the original purchaser and only covers product purchased as new. A purchase receipt or other proof of original purchase date is required for Limited Warranty service.

9.3 Returning a Product

When shipping the unit carefully pack and send it prepaid, adequately insured and preferably in the original carton. Include a letter detailing the complaint and provide a day time phone number and/or email address where you can be reached.

9.4 Limited warranty limits and exclusions

This Limited Warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The Limited Warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, maladjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or service by anyone other than a Factory Service centre or other authorized service engineer, or damage that is attributable to acts of God.

THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE". THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the service, loss of or damage to media or images, data or other recorded content. The items listed are not exclusive, but are for illustration only).

PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY. This returns policy does not affect your legal rights. Details of your legal rights are available from Trading Standards or Citizens Advice Consumer Service.

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