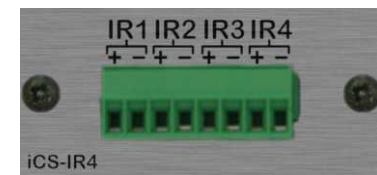


The iCS-10 can use a wide range of additional accessories, these are fitted in to the front and rear expansion slots

### iCS-IR4



Four output Infrared module, can be controlled from either RS232, PodNet or the iCS-TR1 control panel.

### iCS-TR1



Used to provide transport control and menu function for video and audio players via infrared using the iCS-TR1.

### iCS-EQ3



Three band EQ for program audio.

### iCS-A40



Twin slot version of EPA-40 amplifier. This can be linked internally for a mix of both program and microphone or just the microphone.

### iCS-HD2

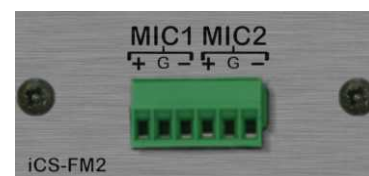


2 input HD video and audio switching module.

### iCS-FM2



Twin microphone inputs with phantom power.



### iCS-VOX



Automatic microphone override of program audio

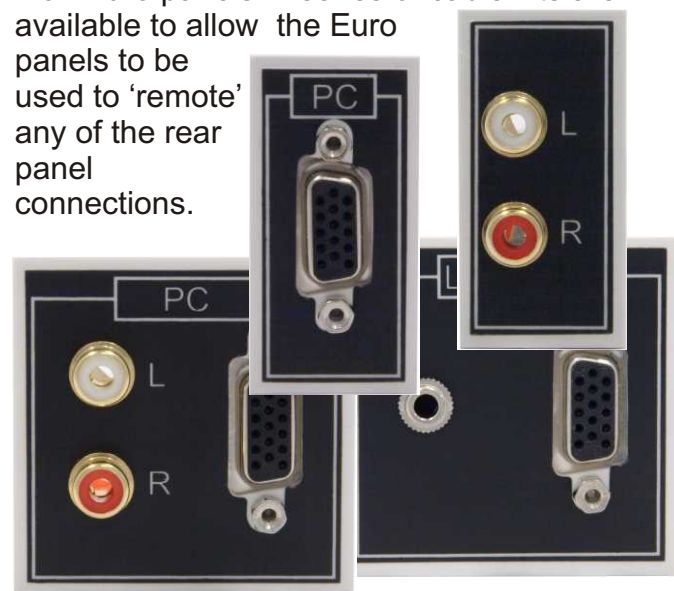
### Euro8 Podule



A Euro8 Podule can be added to expand the control of the iCS-10

### Euro Connection panels

The front panel can also be fitted with any of the Ikon Euro panels. A series of cable kits are available to allow the Euro panels to be used to 'remote' any of the rear panel connections.



# IKON AVS LTD

## iCS-10

The iCS-10 offers a new concept for control and switching. It is a fully configurable control system incorporating three routers to handle XVGA and Component video, Composite video and ten channels of audio. There is also a microphone input as well as both front and rear expansion slots.



The iCS-10 provides:

- 4 into 1+1 XVGA & Component video switch,
- 4 into 1+1 Composite video switch.
- 10 into 1 stereo audio switch with a master volume control and balanced outputs
- Microphone input with both local and remote mute.
- 2 x Bidirectional RS232 serial ports.
- Motorised screen, projector lift and power control.
- Room occupancy support.
- Projector control.
- PodNet to communicate with other Ikon Podules.

Designed for the installation market, the iCS-10 offers a versatile combination of facilities and control options allowing its use as a stand alone switch / controller or use it with Octo, Wall or Touch Podules. It can also be controlled by third part panels using one RS232 port whilst retaining the display control function via the second RS232 port.



Software configuration is easy with most functions simply selected with drop down lists or tick boxes, enabling rapid deployment.

The iCS-10 features bi-directional RS232 interfaces for control over the display and other peripheral equipment, therefore it allows handshaking to ensure synchronisation of the devices.

Two open collector outputs are fitted, which can be used for the control of electric screens, projector lifts or projector power.

Two contact inputs can be used to provide either room occupancy shutdown via an external PIR sensor, panel lockout via a keyswitch, volume control via push buttons or system shutdown via a volt-free contact.

A wide range of accessories are available to provide tone control, infrared control, automatic microphone override, twin microphones and a 20W stereo amplifier.



Ikon AVS Ltd.  
 Unit 238, Ikon Estate, Droitwich Road,  
 Hartlebury Worcestershire, UK, DY10 4EU  
 Tel: +44 (0)1299 250991, Fax: +44 (0)1299 250983  
 Web: [www.ikonavs.com](http://www.ikonavs.com),  
 Email: [sales@ikonavs.com](mailto:sales@ikonavs.com)

## On/Off

The On/Off push can be used to activate the display prior to selecting a source and it is also used to shutdown the system.

## Input select

Selection of any of the inputs can automatically activate the display device. Changing from PC to Video will change its input and if either of the audio only inputs is selected you have the option within the configuration utility to either blank the display or retain the last selection. These buttons are internally illuminated in green and can be user labelled.

## Microphone

Suitable for dynamic or capacitor types, the microphone is mixed with the program source audio after the remote level control. The MIC ON button can be locally or remotely activated and a preset EQ is provided for the microphone only.

## Specifications

### Video

**XVGA Inputs:** Video: 0.5V to 1.2Vpp / 75ohm  
Sync: 5Vpp/510 ohms

**Bandwidth:** 350MHz -3dB  
**Input Crosstalk:** -70dB @ 100MHz

**XVGA Outputs:** Video: 0.5V to 1.2Vpp / 75ohm  
Sync: TTL / 75ohm

**Gain:** Unity

**Video Inputs:** 0.5V to 1.2Vpp / 75ohm

**Bandwidth:** 350MHz -3dB  
**Input Crosstalk:** -60dB @ 1MHz

**Video Outputs:** 0.5V to 1.2Vpp / 75ohm

**Gain:** Unity

### Audio

**Frequency Response:** 20Hz to 22KHz +/- 1.0dB

**Input Impedance:**

**THD:** < 0.03% @ +4dBu O/P

Mic input: >2K ohms

**Equiv. Input Noise:** -126dBu

Line inputs: 20K ohms

**Maximum Gain:**

**Output Impedance:**

Mic to main output 80dB

Main outputs: <150 ohms

Line to main output 30dB

**Maximum Output:** +18dBu

**Mic Equalisation:**

HF: +/- 14dB @ 10KHz

LF: +/- 14dB @ 100Hz

### Overall

**Power Requirements:** 240V AC @ 20VA

**Dimensions:** 88mm x 482mm x 190mm

**Weight:** 3.8kg

(excluding connectors)

## Volume

These two pushes allow control over the program audio level. The utility allows the setting of the power on level and the range of control available. You can control the volume from these push buttons, RS232, PodNet and via the two auxiliary input connectors.

## S4 & S5

The two option slots are for system expansion, they can be populated with:

- iCS-10 accessories (see rear page)
- Ikon Euro connection plates to provide front panel inputs.
- Ikon Euro8 Podule to provide further control

