



# kramer

## FC-18

4K HDR Display ON/OFF Controller

| HDMI | Ethernet - RJ-45 | 4K/60 UHD (4:4:4)



FC-18 is a display ON/OFF controller for 4K@60Hz (4:4:4) HDR HDMI signals. It accepts and outputs an HDMI signal after reclocking and equalizing. On detection of the onset of an input signal FC-18 sends an ON command to the display or projector and on detection of the loss of the input signal FC-18 sends an OFF command. FC-18 can also be used to control a display device manually via front panel buttons, Ethernet or contact closure switches

## FEATURES

- Save on Power Costs** - Shut down display devices automatically when not in use
- Facilitate Meeting Setups** - Just plug in the AV source and the display screen or projector automatically turn on. No more searching for the power button
- High-Performance HDMI Acceptor** - Supports 4K@60Hz (4:4:4) HDR10, HDCP 2.2/1.4 signals at 18G (6G per channel) data rate, CEC (by-pass), Dolby Vision (by-pass) as specified in HDMI 2.0
- Variety of Automatic Control Formats** - Commands are sent to the display device via CEC, RS-232, or Ethernet
- Variety of Manual Control Formats** - Manually turn the display device ON and OFF via front panel button and RS-232/CEC commands, Ethernet, contact closure switches
- Data Tunneling** - Supports data tunneling between the RS-232 port and the Ethernet ports
- HDCP Compliance** - HDCP 1.4 and 2.2
- Kramer Equalization & re-Klocking™ Technology** - Rebuilds the digital signal integrity to travel longer distances
- Selectable EDID Options** - Default (internal), external (sink) or user-defined
- Firmware Upgrading via USB port**
- Easy Installation** - Compact DigiTOOLS® fan-less enclosure for surface mounting or side-by-side mounting of 3 units in a 1U rack space with the recommended rack adapter



## TECHNICAL SPECIFICATIONS

Inputs	1 HDMI: On a female HDMI connector
Outputs	1 HDMI: On a female HDMI connector
Ports	1 Ethernet: On an RJ-45 connector 1 RS-232: On a 3-pin terminal block 1 USB: On a female USB type-A connector
Video	Max. Resolution: 4K@60Hz (4:4:4) Content Protection: HDCP 1.4 / 2.2 HDMI Support CEC (by-pass), Dolby Vision (by-pass) as specified in HDMI 2.0
User Interface	Control: Manual ON and OFF buttons Indicators: Display ON/OFF status, RS-232 communication and power LEDs
Power	Source: 5V DC Consumption: 580mA
Environmental Conditions	Operating Temperature: 0° to +40°C (32° to 104°F) Storage Temperature: -40° to +70°C (-40° to 158°F) Humidity: 10% to 90%, RHL non-condensing
Accessories	Included: Power adapter, bracket set
Product Dimensions	12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96" ) W, D, H
Product Weight	0.3kg (0.6lbs) approx
Shipping Dimensions	49.00cm x 18.60cm x 58.80cm (19.29" x 7.32" x 23.15" ) W, D, H
Shipping Weight	0.8kg (1.8lbs) approx

