USB and Video Extension Solutions for Digital Signage

Digital signage is the display of video or multimedia content on electronically controlled panels to either public or private audiences. This form of communication offers several advantages over traditional static signs including dynamic updating, environmental savings, labor savings and the optional ability to interact with the audience if equipped with facial recognition, voice response, and touch screens. Interactive digital signs using touch screens are often employing USB technology. When the host is not able to be co-located with the display within 5 meters, Icron's ExtremeUSB® extenders can bridge the distance gap.

Video & USB over Cat 5e

Computer / Server   LEX   REX   Digital Signage

Why use Icron

Icron's ExtremeUSB extender systems provide greater flexibility for installation when considering distance, space, and cost factors. USB can extend up to 10km and USB + Video (KVM) up to 100 meters respectively. Icron's KVM extenders support full High Definition video with option to choose between DVI and HDMI connection.

Includes the ExtremeUSB® suite of features:

EXTREME
USB®

- Transparent USB extension
- True plug and play; no software drivers required
- Works with all major operating systems: Windows®, macOS™, Linux® and Chrome OS™

Increase ROI

Digital signage enables content to be more targeted, informative, and timely. When interactive, results can be captured, tracked and analyzed to fine tune effectiveness. Lower maintenance costs are also enjoyed through dynamic updates. And extending connections from the same host also lowers capital infrastructure costs.

Examples of Digital Signage Applications using USB or KVM Extension

- Department store/mall directories
- Fast food restaurant menus and advertising
- Recreational center facility bookings
- Airport advertising, information and ticket booking kiosks

- Public transit station terminals
- Science center learning centers
- Gas station pump advertising
- Grocery stores point of purchase advertising
- Library catalog searches

Icron Solutions

- USB 2.0 Ranger® 2301
- USB 2.0 Ranger® 2311
- USB 2.0 Ranger® 2312
- USB 2.0 Ranger® 2324

- USB 2.0 Ranger® 2304 Series
- USB 2.0 Ranger® 2344
- EL5353 and EL5363 KVM Extenders