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Gefen's **Daisy Chain HD System** creates a large infrastructure for wiring displays using CAT-5 cable. The system includes sender, splitter and receiver units—all interconnected in a daisy chain concept. All three units work together to extend 1080p full HD with RS-232 and IR control signals using the same CAT-5 cable.

"This is an evolutionary new daisy chain concept for many commercial applications, particularly digital signage-type video walls," says Hagai Gefen, president, Gefen. "This solution uses Video over IP technology to route hi-def video to 100 displays and is a great fit for any commercial applications that use multiple displays such as airport terminals."

Similar to a tree scenario, the system uses splitters to create new "branches." Users can create up to 10 branches each supporting ten displays.

Individual displays can be mounted next to each other or up to 100 meters apart. Source video is sent to the sender then over a single CAT-5 cable to the splitter. The splitter outputs two signals: one that connects to a receiver and display; and another that connects to another splitter. Each splitter also provides one HDMI output for a local display connection.

Alternatively, the Daisy Chain HD System can create a straight daisy chain to 30 displays from

one splitter to the next splitter.

This new system works with all HD displays and video sources using HDMI supporting Blu-ray players, satellite set-top boxes and tablets. IR and RS-232 controls key features of the display, including powering displays on and off and switching source inputs.

Go Gefen’s Daisy Chain HD System