

Case Study

Project	School
Installer	CDEC Limited
Product	SDS-1000 series
Location	Blackpool, UK

Smart-e wall plates are the perfect fit for a new build school

When AV supplier CDEC Limited was commissioned to source and install classroom communications for short-throw projectors featuring HDMI, VGA and USB connections for a new-build school in Blackpool, they chose Smart-e's new range of digital and analogue wall plates.

As Derek Pyle special projects manager at CDEC says "The builder of the new school had left us a tiny 25mm conduit for cabling the classrooms. Once we found Smart-e's SDS-1000 series of wall plates we knew we had the perfect solution.

"Distribution via structured cabling meant it would fit the 25mm space, the functions easily met the school's existing and future requirements, and finding a system with everything in one unit was the 'icing on the cake' - every other similar system we saw only gave us part of the solution. Buying a product designed and manufactured in Britain was another bonus"

The ease of installation meant that from sourcing the wall plates to handing over the completed project only took 10 weeks ensuring the school was ready for pupils' return after the Easter 2012 break.

Jon Lane Smart-e's founder and managing director adds "Since we launched this range of wall plates at ISE 2012, we have experienced a high uptake which we believe is down to the winning combination of distribution via CAT5 type cabling - we pioneered the use of CAT5-8 cable in AV distribution - combined with offering a range of options giving customers the opportunity to select the right

equipment for the job without incorporating unnecessary and expensive extras.

"We designed the SDS-1000 series to distribute AV signals, at the highest signal density available, over a long cable distance from a central point to shared display equipment. We were keen to make provision for both analogue and HDMI signals within one unit to allow for the continued use of legacy equipment."

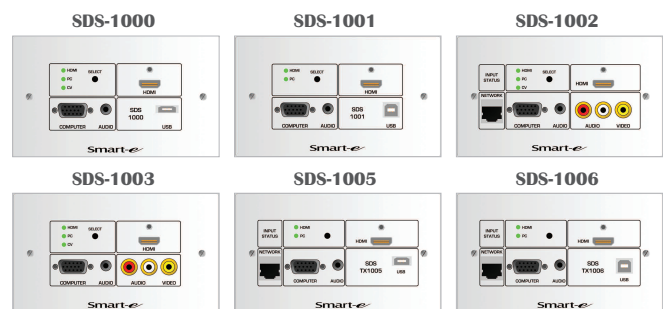
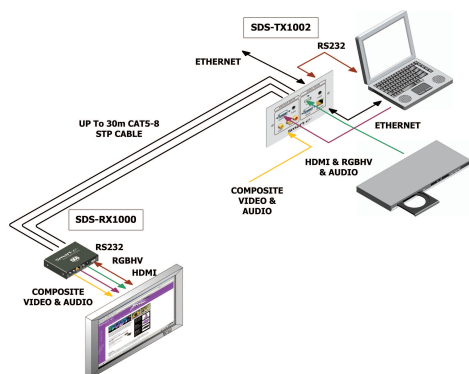
Wall plate functions

The receiver units are universal whilst each wall plate transmitter has a unique ID that communicates to the receiver unit, ensuring the right signals are distributed to the intended displays. Selection of the active signals can be achieved by either a button on the wall plate, priority switching, or RS232 control. The system even has the ability to store RS232 command strings in the receiver which are sent when the appropriate signal type has been selected. Programming of these strings is via a Smart-e application through the plate making a very convenient installation tool.

An ability to be used as 'stand alone' or integrated into a solution means it can meet a wide range of needs, from a single AV solution for boardroom presentations to multi-room educational training purposes. Available in custom colours and branded, there are six versions currently available.



Smart-e's wall plate (SDS-1002) featuring HDMI, RGBHV, Audio, DV, DV Audio, Ethernet, RS232



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