Technology without Electricity

Ever wanted the freedom to teach using the latest, fastest interactive technology, but without the need for electricity?

With the Digital Classroom System (DCS), that freedom is your reality. Pack your backpack and go anywhere, teach anything.
Unpacking the full DCS Kit

What
Powerful DCS 900 LED DLP smart projector with integrated Android 4.4 computer, and DCS Smart Software interface. Works from either mains electricity or independent power source.

Why
Double functionality - high spec computer and projector in one. No electricity needed.

What
50000mAh Power Bank

Why
Capable of powering your projector for up to 6 hours.

What
Ergonomic Wireless Keyboard

Why
With built-in laser trackball, ideal for both using the system as a PC and for delivering your standing presentations.

What
Wireless Outdoor Bluetooth Speaker

Why
Connect this to your projector when you want to enhance your presentation with extra sound.

What
60W Solar Charger

Why
To pre-charge your power bank if you don't have access to mains electricity.
Specification

Processor: Quad Core Cortex-A7 1.2G
Chipset: TI DLP 0.45''

Inter: WLAN 802.11 a/b/g/n (2.4G+5G)
Bluetooth 4.0 (support, transmitting files)

3D: Shutter 3D play, Miracast
Brightness: 250 and 350 ANSI

Lamp: Osram RGB LED lamp

Interface: Input: AV; HDMI/MHL; USB 2.0 & USB 3.0; Micro SD; RJ45
Output: 3.5mm ear phone jack (support SPDIF output)

Tone: Built in 3W*1 (5.1 Dolby Surround Speaker)

Projection Modes: Front / ceiling

Dimensions: 158 (L) x 120 (W) x 31 (H) mm
Weight: 400g
The functionality of a computer:

- Edit and save your own content and Office files
- Download and use apps
- Show PowerPoint, video, and interactive content
- View education applications, e-books, and video
- Search for any content
- High definition viewing from short, medium, and long range
- Reach group or class, with projections of the content

With an inbuilt battery, enabling use for 90 minutes externally with other hours of power.
Ergonomic Wireless Keyboard

Ergonomic wireless 2.4 GHz keyboard with built-in laser trackball. Designed for use in standing presentations, it includes a trackball for text entry.

The keyboard connects to the projector wirelessly via a USB dongle.
Description: Outdoor Bluetooth speaker with power bank
Waterproof, splash, prevent fall prevention outdoors with the function of mobile power supply bluetooth speakers

• Device Compatibility: Universal 5W x 2
• Bluetooth specification CSR V2.1/ CSR V4.0 / RDA V2.1
• Bluetooth profiles HSP, HFP, A2DP and AVRCP
• Operating distance 10 meters Class II
• Mobile power supply IN-5.0V 1.0A ; OUT-5.0V 1.0A

Option to have 8W x 2 speaker with 20m operating distance
y li-polymer battery

Output 5V DC: 12V 16V 19V/4A (MAX)

Size 194x120x15mm

Weight 610g

Working temperature -5°C - 45°C

Charge 

You cannot use the Power Bank whilst charging it.

Small Power
Solar In: 2* Anderson port

AC adaptor in: 1* 16v port

2* 5V USB port

2*12v DC port, 1*20v

Charge whilst you work

New DCS 222 and DCS 50
Pack your DCS Backpack and Teach Anything, Anywhere

Light, compact, highly portable and capable of operating without electricity, this versatile system is ideal for teaching any student in any environment. Easy to set up and operate, it can be used for:

- Training adult workers
- Delivering community health education
- School based education – from nursery to secondary
- Tertiary education
- Both indoor and outdoor settings
- Urban, semi urban and rural environments.
In conjunction with Khan Academy, we created a Khan Application that runs on a USB drive and plays Khan content via an app stored on a USB.

You can search and play the extensive Khan content of over 5000 lessons.

There are also apps for Wikipedia, allowing you to use Wikipedia offline where there is no internet.

Courses and apps provide 00 videos in over 1 language teaching agriculture techniques offline.
from the figures we are getting it showing videos about the agricultural education have had a great impact on our community.

We have been comparing what we bought in the 2015/16 season and the 2016/17 season. Sales and production are up, and they have increased. This has had a real positive impact on the farmland.
DCS 900 SMART PROJECTORS FROM DIGISOFT REVOLUTIONISING INFORMATION ACCESS

07-Jun-2017

Photo credit: Eliud Njoroge via web

DCS 900 SMART PROJECTORS are classical examples of disruptive technology. The solar powered smart projectors, also called Digital Classroom System (DCS) projectors, are revolutionising how farmers get market, production and other information. With professionally produced videos, you do not have to be present to pass information to farmers. Farmers can play and re-play the videos demonstrating a technology or a process.

Various studies show that small holder farmers are not effectively engaging with market or practice market-led production partly due to lack of accurate and timely information. To surmount that challenge, DRYDEV is facilitating farmers in target areas to have effective Market Information Systems, mostly, by increasing use of Information and Communication Technology (ICT). Already, DRYDEV has enrolled target farmers on iShamba mobile platform where they receive weekly SMS on market, weather, production etc.

The projectors have impressive multi-media interface ability and are expected to revolutionise how farmers access information from online, storage devices and tele-conferencing sources. This increased access to information is expected to improve agricultural production and marketing functions. The smart projectors have many functions including those of both modern personal computers and ordinary projectors, and can be used in remote areas without electricity connection.
Easy to Use
Intuitive, easy user interface

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