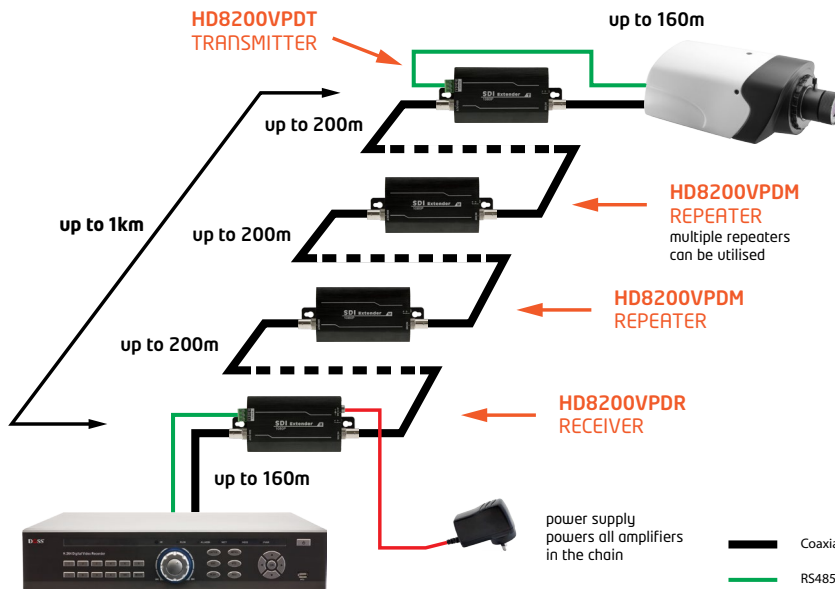# DOSS®

HD-SDI DISTRIBUTION EXTENDERS AND SPLITTERS

HD8200VPDx SERIES

The DOSS HD8200VPD series is an active high definition digital signal extender solution for HD-SDI links, operating over 75Ω coaxial cable. Each unit can transmit a HD-SDI high definition digital signal up to 200m over coaxial cable. It can be used with multiple repeaters to extend distance up to 1km.

HD8200VPDT TRANSMITTER — up to 160m

up to 200m

up to 1km

up to 200m — **HD8200VPDM REPEATER** — multiple repeaters can be utilised

up to 200m — **HD8200VPDM REPEATER**

HD8200VPDR RECEIVER

up to 160m

power supply powers all amplifiers in the chain

— Coaxial
— RS485

Features:
- Compatible with HD-SDI and SD-SDI signals
- Transmission Distance:
  200m (HD-SDI 1.485Gbps); 400m (SD-SDI)
- Characteristics: Automatically clock recovery caching processing technology
- In conjunction with multiple repeaters, the distance can up to 1km max
- Automatically conforms to SMPTE and ITU digital video standards
- Embedded ESD to protect the circuit
- High interference suppression, anti-surge technology
- Supports high-definition HD-SDI digital video at 720p60, 1080i60 and 1080p30 formats at all frame rates
- Integrated cable equalizer for long distance video transmission without quality loss
- High-quality digital video and audio transmission with nearly zero latency
- +12~24V DC Supply range

Please note: Power for operation is supplied to repeater(s) and transmitter via the receiver unit. Units will not work without power and do not work independently of each other. The most basic configuration is a Receiver and Transmitter pair.

HD800xD SERIES

For splitting high definition digital signals, the DOSS HD800xD series is ideal. Being active splitters, they are also capable of extending HD-SDI signals up to 200m on each output.

up to 200m

Features:
- Supports SD-SDI (270Mbps) & HD-SDI (1.485Gbps)
- Full HD video format
- Built-in Cable Equalizer, Re-clocker & Cable Driver
- Distance (Max): SD-SDI 400m, HD-SDI 200m
- Excellent SDI signal jitter suppression function
- Power supply and SDI signal format indicator
- Embedded ESD to protect the circuit
- +12~24V DC Supply range

RX HD-SDI + RS485 + POWER

Model:	HD8200VPDR
Order Code:	43151155

TX HD-SDI + RS485 + POWER

Model:	HD8200VPDT
Order Code:	43151150

RPT HD-SDI + RS485 + POWER

Model:	HD8200VPDM
Order Code:	43151160

1-IN 4-OUT HD-SDI SPLITTER

Model:	HD8004D
Order Code:	43151170

1-IN 2-OUT HD-SDI SPLITTER

Model:	HD8002D
Order Code:	43151165

SCAN with your MOBILE for more INFO

This document was last modified on 6 June 2014 3:13 PM. For up to date information and pricing, please check the DOSS web site at www.doss.com.au

Free Call: 1800 337 366 **e-mail:** info@doss.com.au
Free Fax: 1800 659 963 **web:** www.doss.com.au