



DS Vision 3000 (DSV3K)

Computer Graphics Video, Stereo Audio &
Bidirectional RS-232 over Twisted Pair
Transmitter, Broadcaster, Splitter & Receiver



The DS Vision 3000 family is a distribution system for computer graphics video signals up to 1080p, stereo audio and bidirectional RS-232. The system can distribute the input signals over CAT 5 cable from one to hundreds of displays

FEATURES

- Max. Resolution - 1080p
- HDTV Compatible
- Single CAT 5 Cable
- System Range - 600m (2000ft)
- Bidirectional RS-232 Control - Enables remote screen control (query & power)
- Service Utility - For easy setup and maintenance
- Palm-Held Video Tuning Unit
- DDC Support
- Out-of-Band Operation
- VESA Screen Mounts
- Open Protocol - For CMS integration



TECHNICAL SPECIFICATIONS

RESOLUTION:	Up to 1920x1440 @60Hz (depending on cable length)
MAX. SYSTEM RANGE:	Receiver short: 110m (360ft), receiver long: 300m (1000ft), receiver long with line splitter long: 600m (2000ft) (2x300m (1000ft))
I/O VIDEO SIGNALS:	Analog red, green, blue, 75Ω 0.7Vpp
SYNC:	TTL compatible
HORIZONTAL/VERTICAL SYNC:	Positive/negative
SYSTEM CABLE:	CAT 5/5e/6/7 UTP/FTP cable, 2x4x24AWG solid wire
SKEW COMPENSATION:	Up to 63nsec
DDC:	Complies with VESA DDC-2 specification
RS-232 CONNECTION:	Full serial: RXD, TXD, DTR, DSR, RTS, CTS
SERIAL BAUD RATE:	57,600
FREQUENCY RESPONSE:	20Hz to 20kHz, +/-1dB
S/N RATIO:	80dBA
THD+N:	0.017%
CROSSTALK (all hostile):	-70dB
INPUT IMPEDANCE	10kΩ
LINE LEVEL OUTPUT:	Supports multimedia speakers
MAX. I/O LEVEL:	3.1Vpp (line level)
OPERATING TEMPERATURE:	5°C to 40°C (41°F to 104°F)
STORAGE TEMPERATURE:	-40°C to 70°C (-104°F to 158°F)
WARRANTY:	3 years
Product Dimensions	21.60cm x 14.00cm x 4.00cm (8.50" x 5.51" x 1.57") W, D, H
Product Weight	0.7kg (1.4lbs) approx
Shipping Dimensions	25.00cm x 25.50cm x 5.50cm (9.84" x 10.04" x 2.17") W, D, H
Shipping Weight	1.5kg (3.3lbs) approx



CONFIGURATIONS

DSV3K-T	Minicom DS Vision 3000 Transmitter 1-port
DSV3K-B8	Minicom DS Vision 3000 Broadcaster 8-ports
DSV3K-B16	Minicom DS Vision 3000 Broadcaster 16-ports
DSV3K-TU	Minicom DS Vision 3000 Video Tuning unit
DSV3K-RL	Minicom DS Vision 3000 Receiver Long
DSV3K-RS	Minicom DS Vision 3000 Receiver

