



TC3 VGA-over-CAT6 Module

TC3 VGATP EU SAP: 3446587 US SAP: 12980817

vav.link/tc3_vgatp

Carries VGA signal over CAT (twisted pair) cable up to 80m (262 ft)

Audio loops through transmitter (not carried over CAT cable)

Single power adaptor, can be used at either end

Vision's "Techconnect Twist" products allow a variety of signals to be transmitted long distances over standard unshielded CAT5e and CAT6 cable. Including an active transmitter *and* receiver the 'VGATP' uses inexpensive flexible network cable to route 'VGA' signal from a computer to a distant display.



Techconnect Module

The transmitter presents as a normal Vision Techconnect VGA and minijack module from the front, allowing seamless installation in the Techconnect faceplate.

Up to 80m

VGA signal is weak which limits cable length. The VGATP overcomes this and can send 1024 x 768 resolution signal through standard unshielded CAT6 cable up to 80m (262 ft) long. Using CAT5e cable extended the maximum length to 60m (197 ft).

PoE

Proprietary power-over-ethernet technology means only one mains power adaptor is required to power both the transmitter and receiver. The included international power adaptor can use used at either end.

Faster Installation

Installers can take advantage in buildings which have been flood-wired with network cable. Where a CAT5 cable is already in place the installation is super-fast.

Future-Proof

Replacing VGA cable with a twisted pair cable means if in the future you need to replace the VGA with HDMI or DisplayPort you can just change the adaptors at the ends.

EQ

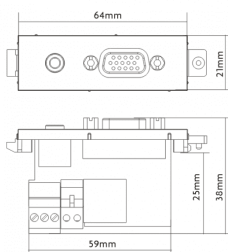
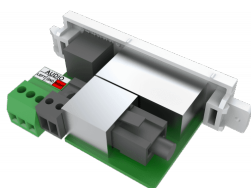
An equalisation adjustment pot on the receiver allows for varying cable length.

Easier to work with

Compared to VGA cable CAT6 is much less expensive and is easier to work with; it has a tighter bend-radius, is thinner, easier to pull, and simple to terminate.

Note

This product does not support the SCL and SDA lines which carry 'Display Data Channel' (DDC) or the related 'Extended Display Identification Data' (EDID) data.



VISION

IMAGE

Product Images

ZIP 18.92 MB

files.visionaudiovisual.com/products/TC3_VGATP/images/TC3_VGATP.zip

Tx front angle 2

PNG 945.85 KB

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Rx output

PNG 1.86 MB

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Rx front angle

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Inputs1

JPEG 191.97 KB

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Tx rear angle

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Tx dims

PNG 12.31 KB

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Rx dims

PNG 15.01 KB

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Supply Unit

JPEG 234.16 KB

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Set

PNG 0.96 MB

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Config

JPEG 20.46 KB

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SPECIFICATIONS

TRANSMITTER DIMENSIONS

71 x 21 x 43 mm / 2.8" x 0.83" x 1.69" (length x width x height)

RECEIVER DIMENSIONS

74 x 33 x 21 mm / 2.91" x 1.3" x 0.83" (length x width x height)

PACKAGED DIMENSIONS

185 x 120 x 55 mm / 7.28" x 4.72" x 2.17"

PRODUCT WEIGHT

0.2 kg / 0.44 lb per set

PACKAGED WEIGHT

0.3 kg / 0.66 lb per set

CAT5E RECOMMENDED MAXIMUM CABLE LENGTH

1024 x 768: 60m / 1280 x 1024: 50m / 1600 x 1200: 40m

CAT6 RECOMMENDED MAXIMUM CABLE LENGTH

1024 x 768: 80m / 1280 x 1024: 70m / 1600 x 1200: 60m

CONSTRUCTION MATERIAL

Plastic

COLOUR

White

POWER SUPPLY

100-240v AC 50/60Hz 12 volt / 0.5 amp

TRANSFORMER INTEGRATED INTO PLUG

INCLUDES INTERCHANGEABLE PLUGS

UK/EU/US/AU

DC TAIL LENGTH

4m

TRANSFORMER DIMENSIONS

66 x 43 x 30mm / 2.6" x 1.69" x 1.18"

WARRANTY

Lifetime return-to-base

COMPLIANCES

RoHS, WEEE, EMC/CE, and FCC compliant

SPARE POWER SUPPLY UNIT (PSU)

TC2 P12V0.5A [EU SAP: 2940992/ US SAP: 13445460]