IN PROCESS EN54 16

PENDING Conforms To UL STD 2572 ETL Verified US Mass Notification Systems

PENTON

NET2-RR
RJ45(B)-RJ45(A)

NET2-MR
RJ45(B)-Fiber Multi(A)

NET2-RM
Fiber Multi(B)-RJ45(A)

NET2-MM
Fiber Multi(B)-Fiber Multi(A)

NET2-SR
RJ45(B)-Fiber Single(A)

NET2-RS
Fiber Single(B)-RJ45(A)

NET2-SS
Fiber Single(B)-Fiber Single(A)

Netcard

The ATEÏS BOUTIQUE network is a monitored and ultra-fast audio network, it is capable to simultaneously transmit 64 audio channels (32 bit, 48 kHz sampling rate) of audio and data with low latency < 0.08 ms per node over STP CAT5/6 or Fiber-Optic. Up to 64 BTQ-VM4/VM8 controllers or BTQ-SG8 secondary units can be connected under the ATEÏS BOUTIQUE global network. Thanks to the benefits of ATEÏS redundant network algorithm, the redundant network loop on BTQ-VM/SG units makes sure the system be continually functional when occurs unexpected cable disconnection.

The installation of NET2-RR netcard (RJ45 to RJ45 port) is suitable with a maximum distance of 100m in global network. For installation with longer distances, the NET2-MR, NET2-RM, NET2-MM, NET2-SR, NET2-RS or NET2-SS are used to extend the distances via fiber-optic for a distance up to 2 km between units (multi-mode) or 20 km (single-mode).

FEATURES

- Secured and dedicated card for audio and data transmission
- Low latency < 0.08 ms per node
- Redundant loop architecture

CONTROLS AND INDICATORS

- RJ45/fiber-optic ports for system network connections
- Network active LED (data running)
- Network present LED (network present)

CERTIFICATIONS AND APPROVALS

Europe	Voice Alarm	EN54-16 (In process)
Europe	CE/EMI	EN55032: 2015 AC: 2016 Class A (In process)
Europe	CE/EMC	EN61000-3-2:2014 EN61000-3-3:2013 EN55020:2007/A11:2011
Europe	CE/LVD	EN60065: 2014 (In process)
USA	Mass Notification Systems	UL2572 (Pending)
USA	Safety	UL60065 (Pending)

NETWORK

- Max. distance between global-net units
  - 100m (STP CAT5/6)
  - 2 km (multi-mode fiber optic)
  - 20 km (single-mode fiber optic)
- Fiber optic
  - Connector type: Straight Tip
  - Fiber size: 62.5/125 um (multi-mode), 9/125 um (single-mode)
  - Center wavelength: 1310 nm (multi-mode/single-mode)

MECHANICAL

- Dimensions (W x H x D): 63 x 15 x 82 mm (2.5 x 0.6 x 3.2 inch)
- Weight: 0.2 kg (0.4 lbs)

ENVIRONMENTAL

- Operating temperature: -5 ºC ~ +55 ºC (+23 ºF ~ +131 ºF)
- Storage temperature: -40 ºC ~ +70 ºC (-40 ºF ~ +158 ºF)
- Relative humidity: 20% to 95%
- Air pressure: 600 to 1100 h Pa

ORDERING INFORMATION

- NET2-RR: Netcard,RJ45(A)-(B),excl Ass'y Pillar
- NET2-MR: Netcard,Fiber Multi(A)-RJ45(B),excl Ass'y Pillar
- NET2-SR: Netcard,Fiber Single(A)-RJ45(B),excl Ass'y Pillar
- NET2-RM: Netcard,RJ45(A)-Fiber Multi(B),excl Ass'y Pillar
- NET2-RS: Netcard,RJ45(A)-Fiber Single(B),excl Ass'y Pillar
- NET2-MM: Netcard,Fiber Multi(A)-(B),excl Ass'y Pillar
- NET2-SS: Netcard,Fiber Single(A)-(B),excl Ass'y Pillar

PENTON

Penton UK Limited
31 Oakhurst Business Park, Wilberforce Way, Southwater RH13 9RT www.penton.audio