



B)(twin

2 WIRE NON-POLARISED SYSTEM



btouch





TLOOK



Tline

B)(twin

	WIRES	MAX. USERS	MONITORS	A MT BETWEEN ENTRY PANEL AND POWER SUPPLY UNIT	B MT BETWEEN POWER SUPPLY UNIT AND MONITOR	Extension*
	2 wires	128	Colour	200	200	800
			B/W	200	200	800
	CAT5 UTP (1 twisted pair)	64	Colour	100	125	800
			B/W	100	75	800

* Extension is the sum of all cabled segments both in apartment and in riser column to the entry panel.
When using multicolour cables, NEVER short-circuit several conductors to increase the wire cross-section area.

A system implementing modern functions without needing to replace wires: any two of the existing wires can be used in common modernisation jobs. See wire table for extensions.

Simply Smart

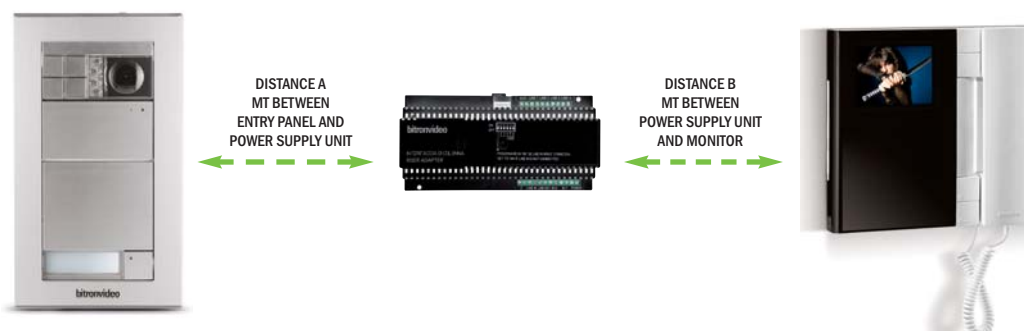
Btwin is the new two non-polarised wire system for 2012. Entirely designed and made in Italy, Btwin has been developed according to strict standards and processes. Rigorous quality control, testing guarantees maximum system performance and reliability.

Btwin is designed with installers in mind and styled according to modern market expectations it enables the installation of a top-class system with state of the art functions in an easy way using only two wires throughout, from entry panel to apartment handset. By taking advantage of the new innovations and technology in its design a fully operational system of up to 4096 users can be installed more easily and in less time than ever before. The system is easily set up using dip switch programming and includes intercom function and cycle control for two cameras as standard with no other modules required.

System replacement using Btwin becomes easy without the need to replace wiring and a full range of monitors and handsets are available to compliment any installation.

These are only some of the advantages of this system which brings a new era to the door entry market, giving flexible solutions it is ideal for applications spanning from villas and apartment blocks, to residential compounds.

Think big, work easy. Btwin: designed for installers, and their customers.



System architecture using Btwin cable or Cat

2 wires throughout

128 users per riser column (64 Cat 5)

4 common main entrances

2 further inner entry panels per riser column

32 riser columns

4,096 total users (2048 cat5)

200 mt. from power supply to entry panel (100mtr Cat5)

800 mt. of extension on each riser column

4 apartment handsets (monitors and/or door phones) in parallel per apartment

2 entrances managed from a single entry panel (main door lock and inner lock)

4 user floor distributors save on amount of cables required in the riser.

TWO NON-POLARISED WIRES. THROUGHOUT.

All devices are connected using only two wires, including the entry panel.

FOR INSTALLERS, FOR THEIR CUSTOMERS.

Btwin is designed for installers: simple, rapid installation for making even complex systems with guaranteed success. Top-notch satisfaction also for end users: Btwin provides the comfort of modern functional needs and a wide assortment of apartment stations and entry panels.

Quick and easy installation, for new and modernisation projects

In Btwin, everything is studied to make the installer's job easy. In modernisations, the advantages are truly surprising: no wires need to be replaced to install Btwin. Using the existing wires, the system is updated and new functions can be used.

Less time, maximum profits

Simplicity means quick installation and programming (using convenient dip switches): for saving not only time!

Flexibility: quality dedicated to small and large numbers

Two wires throughout: using the same simple wiring in all situations, the system adapts to the needs of end customers, from standard to sophisticated. For this reason, Btwin is the best solution for villas, apartment blocks and large residential compounds alike.

Only three components, many combinations

Only three components form the heart of the system: these components are enough to make a basic system with standard colour camera and freeintercom function. All with only two wires.

Maximum result, certain guarantee

Reliable, simple: no mistakes are possible. Furthermore, the system guarantees service continuity even in case of short-circuits. The branch protections make sure the column keeps on working. A great advantage for users!

Quick maintenance

Quick system management: all operations must be carried out with the system live. The short-circuit block delimits the faulty area so that it can be promptly identified.



code	description
AV1001/07	T-Class audio module. 2 push buttons. B-Twin installation
AV1001/08	T-Class colour video module. 2 push buttons. B-Twin installation
AV4187/16	16 push buttons encoder module for B-Twin video systems on T-Class panels
AV1001/02	Power supply for B-Twin video systems
AV1001/05	B-Twin riser multiplexer
AV1001/09	B-Twin panel hub
AV1001/03	4 outputs video distributor for B-Twin video systems
AV1001/20	Cable for B-Twin video systems
AV1001/04	Porter's exchange for B-Twin installations
BTWINRELAY	Lock Relay for B-Twin Panels when triggering a gate lock or access control.

Btouch



BEAUTY TO SEE, TOUCH TECHNOLOGY TWO COLOURS, MANY FUNCTIONS

Btouch Monitor

The new hands-free monitor Btouch with soft touch technology is dedicated to those seeking style in every detail of the furnishings. The formal rigor of the lines Btouch creates a light object, that is combined with delicacy and harmony to the environment as a modern classic. The attention to detail, the preciousness of the finish in white or black, the chrome frame gives the monitor supplied with character, personality and elegance.


Designed for those who want to make a choice of style, in terms of aesthetics and performance, Btouch is the ideal monitor for the system Btwin: all the advanced features of this integrated video door entry system can be controlled directly from a simple display with icons guide every step.

Videophone speakerphone black and white transparencies

- Metal plate black or absolute white
- Display 3.5" backlit colour
- Flush Mounting
- Removable terminal blocks
- Frame supplied
- Dimensions (W x H x D) 160 x 190 x 10mm

Functions:

- Intercom
- Contacts with 32 names
- Ability to report absence

 Btouch has integrated provision for users of hearing aids.

- Display
- DISPLAY MUTE CALL CONNECTED (green LED)
- AUTOMATIC DOOR RELEASE STATEMENT ON (green LED)
- MESSAGES INDICATOR (green LED)
- MENU BUTTON
- DOOR OPEN INDICATION OR LACK OF REPORTING ON (RED LED)
- BUTTON ON / OFF VOICE
- BUTTON RELEASE
- NAVIGATION BUTTONS, CALL THE STATION, OPEN GATE, MUTE ALARM, ETC.
- HOME AUTOMATION

code	description
AV1001/40	3.5" colour BTouch hands free video monitor. B-Twin installation. Black colour.
AV1001/41	3.5" colour BTouch hands free video monitor. B-Twin installation. White colour.
AVBL05P	Embedding box for BTouch monitor.
AVBL05CG	Embedding box for BTouch monitor to be installed in thin walls.



Ability to customise the templates, thanks to compatibility with Vera plates 44 in black and white glass, and metal alloy plates 44, available in silver and dark grey colors. Further colours & styles available direct from AVE in Italy.



T-look Hands-free Monitor

Bitron Video again presents design, entrusted to the architect Francesco Trabucco, in the new hands-free T-look video doorphone. Its slim line matches the shaded polycarbonate casing of the liquid crystal monitor and continues for the whole length of the video doorphone. Extremely thin (220 x 124 x 38mm in the wall mounted version), the new T-look hands-free video doorphone can also be used for embedded installation, thanks to a simple kit, with a thickness of barely 16 mm.



code	description
Hands-Free Monitor	
AV2850/1	T-look colour hands free video doorphone with TFT 4" display
AV2850/60	Embedding box for T-look hands free video doorphone
AV2850/61	Plasterboard fixing kit for AV2850/60
AV2850/56	Wall mounting connector for T-Look monitor. B-Twin installation.

T-line video doorphones

Video handsets

T-line doorphones and video doorphones: a new, refined and slender line with a technology that offers such a widely versatile range that can be adapted to any type of system. The original and still unique T-line product range attracts the most selective and exclusive tastes. This unmistakable range created by Francesco Trabucco, the internationally famous designer and architect, skillfully blends into the surrounding environment.

Elegant, linear and minimal, T-line video doorphones add light and charm to a room. In addition to being attractive, they are capable of combining two very different needs: the needs of users who want an audio system only and the more demanding requirements of users who want a video system with a high definition 4" TFT colour display.

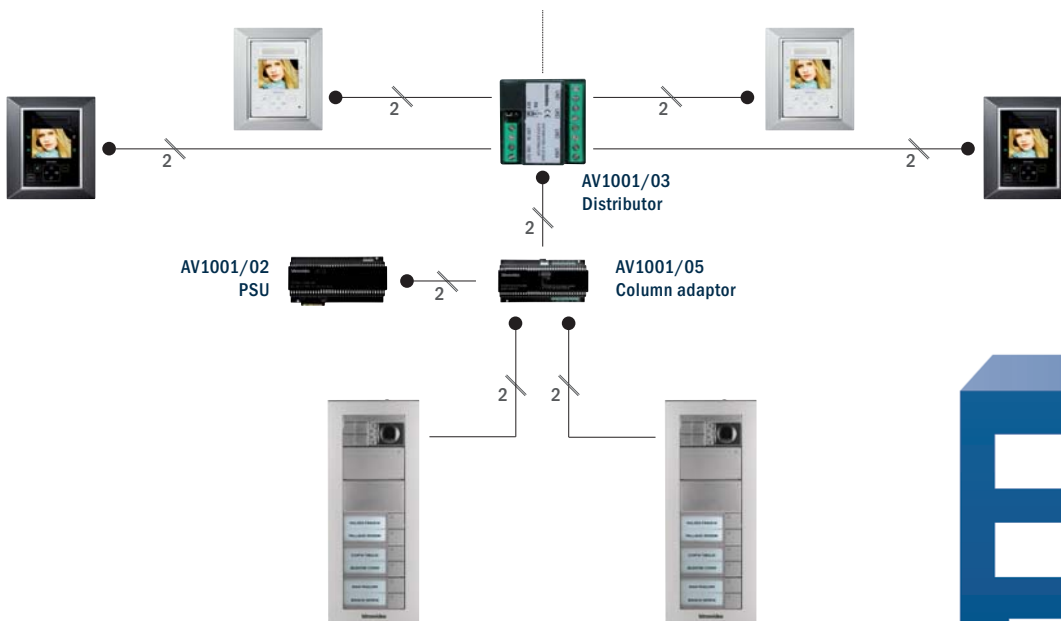
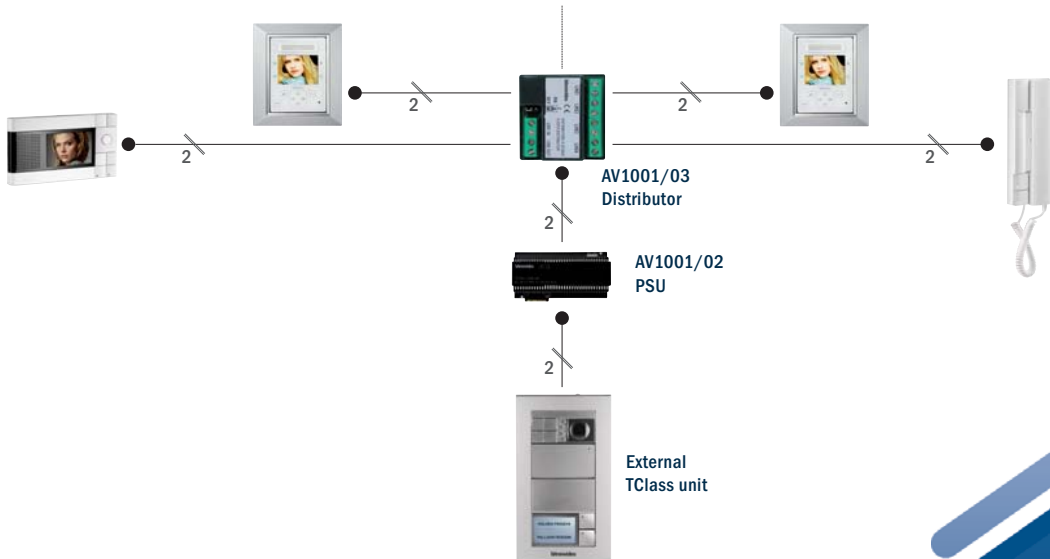


Feature: Now with induction loop as standard.



code	description
Video Monitor/Handsets	
AV1423/002	T-line 4" colour video doorphone with status LED, call volume adjustment, mute function with indication and 3 service buttons- requires bracket
AV1423/15	T-Line Monitor Bracket Btwin Systems
AV1423/202	Tabletop assembly kit for T-line video doorphone, clear plexiglass
AV1407/7	Btwin audio only handset

For villas and apartments



Est. 1967

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