



two-wire video system



FAST



Presenting Bfast

only **2 wires** are needed for the video doorphone system

quick, easy,
and beautiful

Life is beautiful when everything is easy, fast and without any limits.

Here comes Bfast by Bitron Video, the new video doorphone system, colour ready, with two non-polarised wires, having very simple wiring that can be used in any type of installation.

In fact, by using normal dip switches, the unit can be programmed easily and in a very quick and simple way.

The Bitron Video technology, having two non-polarised wires, contains the most advanced video doorphone solutions and provides incredible performance.

Its characteristic of simplifying work, both in the planning phase, and in installation and programming, reduces to a minimum the time it takes to make it operational, and also the amount of stress.

But there are advantages not only for the installer, but also for the user: these include

the possibility of use of the simple video doorphone system, extending it to video surveillance and intercom facilities, without any increase in installation costs, and making subsequent implementations or expansions possible.

And today you can chose B-fast with T-line Bitron Video's brand-new range with a minimal, elegant design. The video doorphone is irresistible with its minimum protrusion from the wall, full-height Plexiglas finish and beautiful, ergonomic handset perfectly integrated into the front of the device.

Both colour and black and white versions are available. The doorphone is appealing, with a clear-cut, streamline style that perfectly matches all types of decor. T-line is a range to be seen and to be shown off.



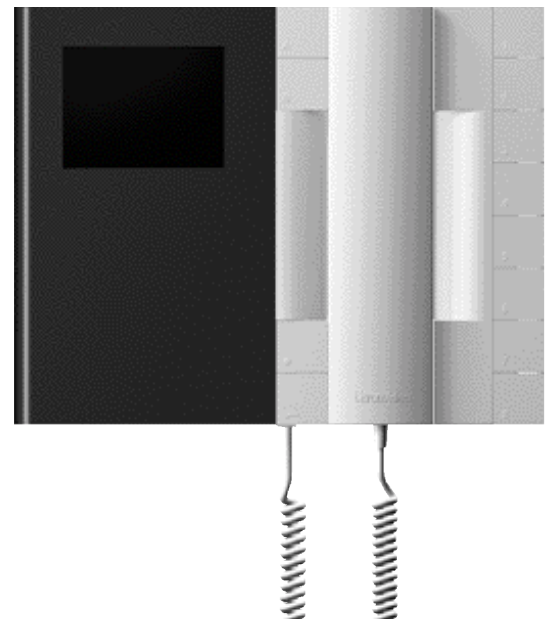
a growing system

and new

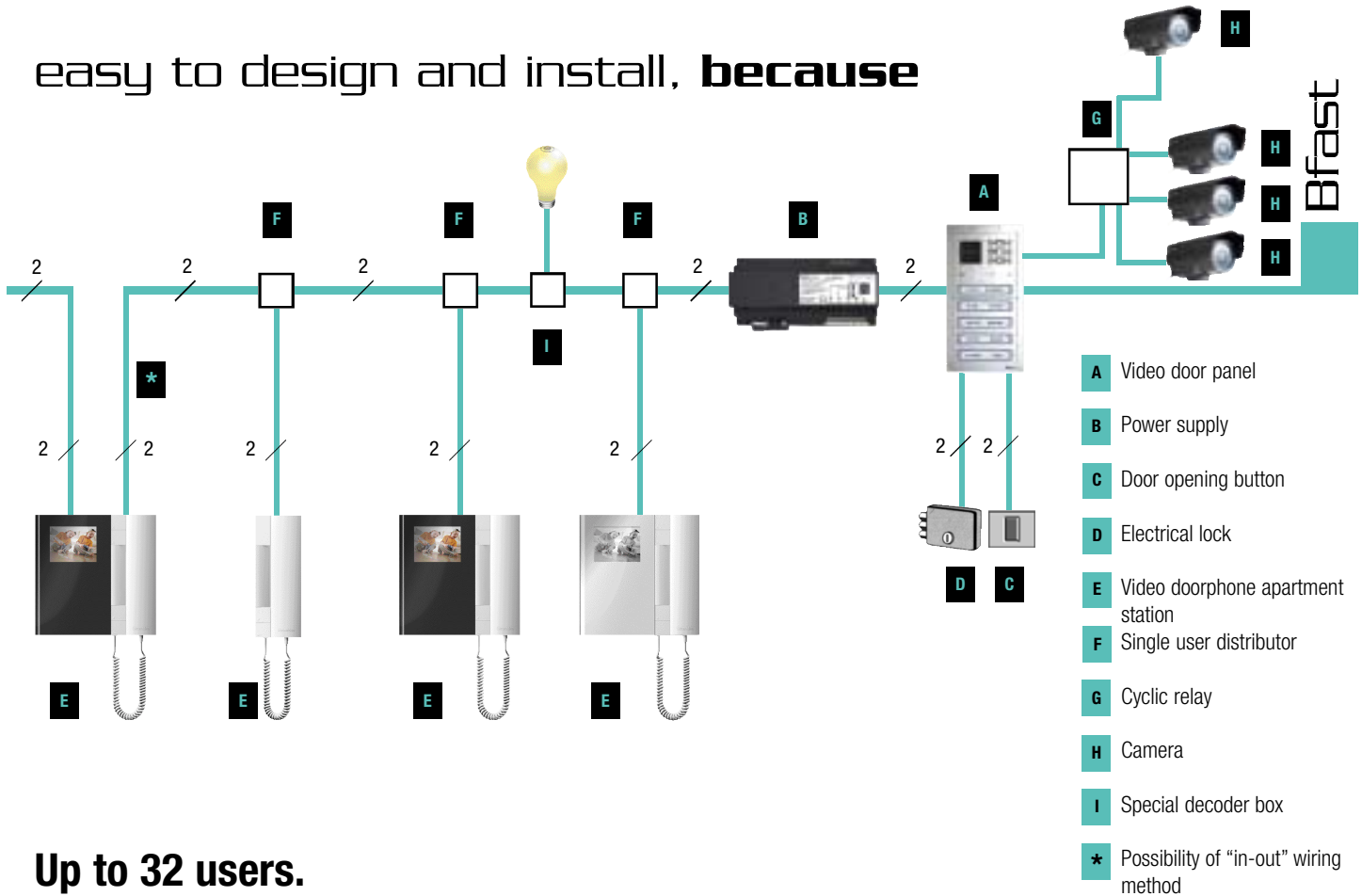
T-line has more than just the looks: it is also functional. The additional button module, perfectly integrated in the video doorphone and doorphone devices, may be used to add new functions and an increasing number of intercom stations: a very convenient feature. And the B-fast 2007 innovations do not end here.

Systems can now become more rational and cost-effective thanks to the new doorphone which may be installed either as a single apartment station or as an extension in systems with one or more video doorphones.

The new audio unit may be used to install secondary entrances also without cameras.



easy to design and install, **because**



Up to 32 users.

The Bitron Video Bfast system is ideal to solve any installation situation.

In this handy table you can immediately identify the components that you need in order to calculate quickly the estimated cost for solutions up to 32 users, using the Domular Classic Evolution panel and B/W T-line video doorphones.

N° OF USERS	EB	MODULE SUPPORTS			EM	MODULE SUPPORTS					KIT	SUD	VDP	WB
	AN6009	AN6025/L	AN6033/L	AN6041/L	AV4005/D16	AN6173/L	AN6181/L	AN6199/L	AN6207/L	AN6215/L	AV4005/T08	AV4005/X005	AV1423/001	AV1423/011
€	4,6	21,5	24,0	33,6	34,9	9,4	23,7	30,8	39,4	46,2	1195,9	22,6	152,6	97,2
1*	Use KIT AV4005/T07													
2*	Use KIT AV4005/T08													
3*					1			1			1	1	1	1
4*					1				1		1	2	2	2
5*					1					1	1	3	3	3
6**					1			1			1	4	4	4
8**					1				1		1	5	6	6
10**					1					1	1	8	8	8
12**	1		1		1		1			1	1	10	10	10
14**	1		1		1			1		1	1	12	12	12
16**	1		1		1				1	1	1	14	14	14
18**	1		1		1					2	1	16	16	16
20**	2	1			2		1			2	1	18	18	18
22**	2	1			2			1		2	1	20	20	20
24**	2	1			2				1	2	1	22	22	22
26**	2	1			2					3	1	24	24	24
28**	4		2		2	1	1			3	1	26	26	26
30**	4		2		2	1		1		3	1	28	28	28
32**	4		2		2	1			1	3	1	30	30	30

• Kit * Single button ** Double buttons **EB**. Embedding box **EM**. Expansion module for loudspeaker unit **SUD**. single user distributor **VDP**. Video doorphone **WB**. Wall bracket

many advantages in the panel, **because**

the panel



Bitron Video dedicates the Classic Evolution panel to the Bfast video doorphone systems, with new and interesting technical and aesthetic characteristics.

The new look has pleasant and sophisticated blue LEDs, an elegant silver frame in perfect harmony with the modules, which is ideal for all applications, even the more challenging ones. Furthermore, to complete the Bfast performance, the colour camera is a standard.

The embedding box is modular and interchangeable.

A decisive factor in the success of this modular panel is the possibility of installing a system for up to 10 apartments using only 2 modules.

Without forgetting that the Bitron Video double buttons are much larger than average and guarantee a perfect readability even for very long names.

also in the kit, **because**



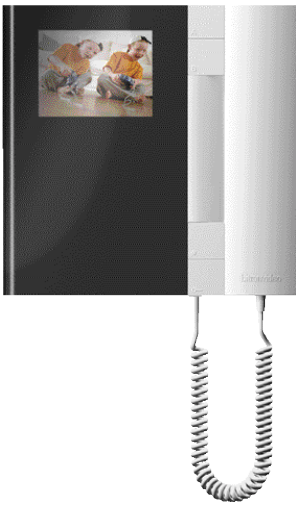
the kit

The availability of complete and functional kits exclusively for the Bfast system is proof of the attention that Bitron Video devotes to simplifying the work of the installer.

Bitron Video offers several kit solutions: from the non-expandable ones for one-family villas, to basic expandable kits. Both versions are available with a CCTV camera already included in the kit for a handy video surveillance system that does not require any extras for assembly. To further increase the security features, 3 extra cameras may be subsequently connected by simply adding a cyclic relay.

The panel dedicated to the non-expandable kits is the small and elegant Video Drin model, which is ideal for one-family installations.

with
video surveillance
included



expandable

With the Bfast two non-polarised wire system, expandability today means more video surveillance.

This is an aspect that is becoming more and more important in the lives of families with each passing day, as well as in commercial and entrepreneurial activities.

The possibility of having our residential and working areas monitored, increases our peace of mind and quality of life.

With Bfast by Bitron Video, immediately and without any particular effort, a basic and expandable video surveillance system can be obtained.

In fact, starting from the basic configuration, it is possible to connect a camera with a monitoring function, and simply by adding a single cyclical relay, up to 4 cameras can be connected, thus creating a truly advanced video surveillance system without adding wires in the system.

These are new and important opportunities that the installer can offer to solve the most varied requests made by the client, without any problems, quickly and easily.

With the two non-polarised wire video doorphone system, the Bfast video doorphone unit already has an expandability possibility that offers new solutions, ideal for extending the application field.

In fact, without having to add special accessories, the system allows a connection of up to 4 monitors in parallel without adding wires or power supplies.

This immediately grants two advantages: the first is that of producing a complete system with minimum effort; the second, that of having an integrated intercom system available.

The versatility of Bfast also allows the creation of a mixed intercom - i.e. an intercom between different apartments or within the same apartment without adding extra wires.

Obviously, the expandability possibilities of the Bfast system are open to the continuous technological development applied by Bitron Video in the world of video doorphone systems. Relying on two non-polarised wires thus becomes the most innovative solution for the installer, and consequently, for the end user.



Two-wire video doorphone system.

code	definition
B-FAST SYSTEM COMPONENTS	
AV4005/001	Video call station including a colour CCD camera, audio unit and 1 button (splittable) on the Classic EVO panel. Without embedding boxes.
AV4005/111	Audio call station for Bfast system including speaker unit and and 1 button (splittable). Can be used for secondary entrances in Bfast systems. Without embedding boxes
AV4005/002	Video power supply for Bfast systems. One unit for each system. Casing suitable for DIN bar mounting (10 modules). 230 Vca, 50 Hz.
AV4005/005	Single user distributor for Bfast systems. Does not require power supply.
AV4005/006	Twisted cable for Bfast systems. External diameter of approximately 6.5mm; contains a pair of 1 mm ²
AV4005/016	Expansion board for 16 users. To be assembled on the rear of the AV4005/001 calling module. It controls up to 16 calling buttons (MAX 2 units per system).

VIDEO DOOR PHONE AND DOOR PHONES FOR BFAST SYSTEMS	
AV1423/001	4" T-line B/W video doorphone with 2 service buttons and door opener button. Includes status LED and adjustable call volume. White ABS with transparent screen. Suitable for distances up to 75 m. between power supply and monitor. Wall-mounting bracket not included.
AV1423/002	4" LCD T-line colour video doorphone with 2 service buttons door and door opener button. Includes status LED and adjustable call volume. White ABS with shaded screen. Suitable for distances of 120 m. between the power supply and the monitor Wall-mounting bracket not included
AV4005/120	Same as 1423/001, but suitable for distances of 120 m. between the power supply and the monitor.
AV1423/011	Wall mounting bracket for connecting T-line monitors to B-fast systems.
AV1407/005*	T-line door phone for Bfast system. With door release button and one service button. In white ABS.
AV4005/003	4" B/W Video doorphone mod. MV1002 with door opener button, 3 service buttons. For distances up to 120m.
AV4005/004	4" LCD colour Video doorphone mod. MVC1002 with door opener button, 3 service buttons. For distances up to 120m.
AV4005/075	4" B/W Video doorphone mod. MV1002 with door opener button, 3 service buttons. For distances up to 75m.

BFAST ACCESSORIES	
AV4005/100	Replacement aluminium front panel without buttons for module AV4005/001
AN4005/017	Cyclic relay switching box for four video inputs. For connecting up to four additional surveillance cameras (B/W or colour) with monitor switch-on and without additional wires in the system. Wall-mounted.
AN4005/018	Special decoder box for operating loads, such as electrical gates, lights or utilities directly from the user's monitor.
AV1407/051	Add- on unit with 6 additional buttons, one switch and 2 service led. Can be mounted with T-line monitors and doorphones for additional services and expanding the intercom possibilities

BFAST 2-WIRE EXPANDABLE VIDEO DOORPHONE KITS WITH T-LINE DEVICES	
AV4005/T07	One-family black and white Bfast expandable video doorphone kit. Includes: 2 AN 6009 embedding boxes, 1 Classic EVO video unit with Bfast colour CCD and integrated speaker unit with 1 AV4005/001 button, 1 AN6173/L blank module, 1 frame for two AN6025/L modules, 1 Bfast power supply 230Vac AV4005/002, 1 B/W T-line AV4005/120 monitor, 1 AV1423/011 bracket.
AV4005/T08	Two-family black and white Bfast expandable video doorphone kit. Includes: 2 AN 6009 embedding boxes, 1 Classic EVO video unit with Bfast colour CCD and integrated speaker unit with 1 splittable AV4005/001 button, 1 AN6173/L blank module, 1 frame for two AN6025/L modules, 1 Bfast power supply 230Vac AV4005/002, 2 B/W T-line AV4005/120 monitors, 2 AV1423/011 brackets.
AV4005/T09	One-family Bfast colour expandable video doorphone kit. Includes: 2 AN 6009 embedding boxes, 1 Classic EVO video unit with Bfast colour CCD and integrated speaker unit with 1 AV4005/001 button, 1 AN6173/L blank module, 1 frame for two AN6025/L modules, 1 Bfast power supply 230Vac AV4005/002, 1 T-line AV1423/002 LCD colour monitor, 1 AV1423/011 bracket.
AV4005/T10	Two-family Bfast colour expandable video doorphone kit. Includes: 2 AN 6009 embedding boxes, 1 Classic EVO video unit with Bfast colour CCD and integrated speaker unit with 1 splittable AV4005/001 button, 1 AN6173/L blank module, 1 frame for two AN6025/L modules, 1 Bfast power supply 230Vac AV4005/002, 2 T-line AV4005/120 LCD colour monitors, 2 AV1423/011 brackets.
AV4005/T11	One-family black and white Bfast expandable video doorphone kit with surveillance camera. Includes: 2 AN 6009 embedding boxes, 1 Classic EVO video unit with Bfast colour CCD and integrated speaker unit with 1 AV4005/001 button, 1 AN6173/L blank module, 1 frame for two AN6025/L modules, 1 Bfast power supply 230Vac AV4005/002, 1 B/W T-line AV4005/120 monitor, 1 AV1423/011 bracket, 1 outdoor B/W CCD camera, 1 230Vac/12Vdc AN7429 power supply for camera.
AV4005/T12	One-family colour Bfast expandable video doorphone kit with surveillance camera. Includes: 2 AN 6009 embedding boxes, 1 Classic EVO video unit with Bfast colour CCD and integrate speaker unit with 1 AV4005/001 button, 1 AN6173/L blank module, 1 frame for two AN6025/L modules, 1 Bfast power supply 230Vac AV4005/002, 1 colour LCD T-line AV1423/002 monitor, 1 AV1423/011 bracket, 1 outdoor colour CCD camera, 1 230Vac/12Vdc AN7429 power supply for camera.

BFAST 2-WIRE EXPANDABLE VIDEO DOORPHONE KITS WITH MV1000 DEVICES	
AV4005/007	One-family b/w Bfast expandable video doorphone kit. As AV4005/T07, with 1 B/W MV1002 AV4005/003 monitor.
AV4005/008	One-family b/w Bfast expandable video doorphone kit. As AV4005/T08, with 2 B/W MV1002 AV 4005/003 monitors.
AV4005/009	One-family colour Bfast expandable video doorphone kit As AV4005/T09, with 1 colour LCD MVC1002 AV 4005/004 monitor.
AV4005/010	One-family colour bfast expandable video doorphone kit. As AV4005/T10, with 2 colour LCD MVC1002 AV 4005/004 monitors.
AV4005/011	One-family b/w Bfast expandable video doorphone kit with surveillance camera. As A005/T11 with 1 B/W MV1002 AV 4005/003 monitors.
AV4005/012	One-family colour Bfast expandable video doorphone kit with surveillance camera. As AV4005/T12, with 1 colour LCD MVC1002 AV 4005/004 monitor.

NON EXPANDABLE VIDEO DOOR PHONE KITS WITH BFAST WIRING AND VIDEO DRIN PANEL	
AV4005/013	Single family B/W video doorphone kits DRIN series, with Bfast technology. Includes: 1 DRIN video series panel suitable for surface mounting with B/W CCD camera, integrated audio unit and 1 calling button, 1 230Vca video power supply, 1 4" B/W flat monitor Series MV1002.
AV4005/014	Single family colour video kit, DRIN series, with Bfast technology. As AV4005/13 but in colour.
AV4005/015	As kit AV4005/013 but includes a video surveillance system with 1 B/W CCD camera for outdoor use, including its own power supply.
AV4005/019	As kit AV4005/014 but includes a video surveillance system with 1 colour CCD camera for outdoor use, including its own power supply.

* Availability 2007, 2nd quarter.