

ERAKIT23B6286



VX2300 ERA Series Videokit with NFC proximity access, integrated coded access & 6286 Series Videophone



The VX2300 ERA series 2 wire videokit uses 2 wire BUS technology. It can be expanded up to 8 entrances with up to 4 videophones per apartment. The videokit can be configured with either 1, 2 or 4 call buttons or 1 button + coded access.

Features include a CMOS hi-res colour camera, an NFC proximity access reader, integrated coded access keypad using 6 buttons, 1 push to exit input, 2 relay outputs, voice assistance and DDA compliant call progress LEDs.

The videokit is supplied with the following:

- **ERA23VB** surface mount video entry station in a gun metal grey finish (includes the nameplate kits for the desired button configuration).
- **6286** surface mount videophone with 3.5" hi-res full colour active matrix LCD screen.
- **2321S** 2 wire BUS power supply.
- **955MF/C** Mifare master proximity card and 4x **955MF/T** Mifare proximity user fobs.



2 WIRE BUS



NFC PROXIMITY



CODED ACCESS



THE POWER TO SECURE

ERA23VB Video Entry Panel

Key Features

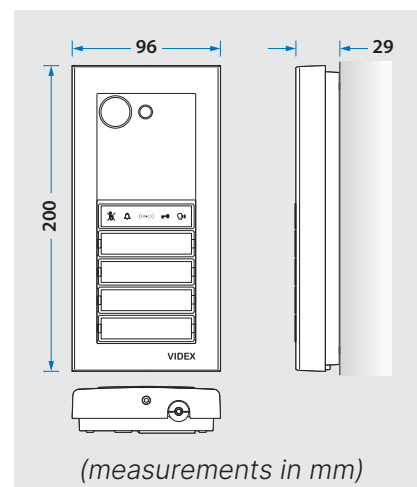
- Common 2 wire BUS that uses two non-polarity twisted pair wires allowing for simplified installation.
- Expandable up to 8 entrances (using **2301**, 2-4 entrance units) with up to 4 videophones per apartment.
- Entry panel incorporates a CMOS 976×582 (PAL) colour camera with 65° vertical and 90° horizontal viewing angles and white illumination LED.
- Includes an integrated NFC proximity reader able to read Mifare fobs/cards (ISO IEC 14443A).
- Program up to 2000 proximity fobs/cards.
- Call button configuration for 1 button, 2 button, 4 button or 1 button + 6 button coded access.
- Program up to 400 access codes (using 1 - 6 digits only).
- 1 push to exit input.
- 2 relay outputs with one output incorporating a capacitive discharge configuration option (12Vac/dc 1A max.).

Technical characteristics

Camera & illumination LED	CMOS 976×582 colour camera (PAL) with white illumination LED.
Status indication LEDs	Busy, call, NFC reader, speak, door open.
Backlight	Yes.
Integrated proximity access control	NFC/Mifare reader (ISO IEC 14443A) with capacity to store up to 2000 fobs.
Button configuration	1 button, 2 button, 4 button or 1 button + 6 button coded access.
Codelock facility (when configured as 1 button + code)	6 button codelock (using digits 1 - 6) with capacity to store up to 400 codes.
Adjustments	Voice assistance volume, audio balance, mic & speaker volume controls.
Programming modes	Via dip-switches, via the Videx BUS Wizard PC software or via mobile app and by master card for proximity access.
Programmable features (via the dip-switches)	Button configuration, device version, code length, door ID, conversation time, door open time and programming mode.
Interfaces	RS485 BUS, NFC.
Inputs/outputs	1xPTE input / 2 relay outputs.
Power supply input	32-35Vdc (supplied by 2 wire BUS).
Power consumption	Standby 75mA, during operation 100mA, peak 100mA (max.).
Working temperature	-20°/+60°C.
Frame protections	IK09 impact & IP65 ingress protections.
Dimensions (mm)	96(W) x 200(L) x 29(D).
Mounting	Surface.
Finishes	Gun metal grey.
Accessories	ERARSB rainshield surround.



ERA23VB + ERARSB
1 button + code configuration



Accessories

ERARSB rainshield surround



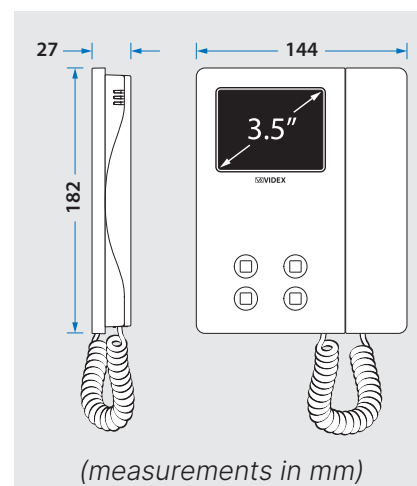
6286 Videophone

Key Features

- 6200 series videophone with 3.5" LCD TFT colour display and handset.
- Programmable number of rings, melody selection and privacy duration time.
- Intercommunication facility between other audiophones, videophones or monitors on the system.
- 3 LEDs, for privacy ON/OFF, videophone ON and door open.
- 4 push buttons: camera recall, door open & intercommunication call, privacy ON/OFF & BUS relay activation (**2305**) and spare service button.
- Call tone volume adjustment (3 levels), picture contrast, colour intensity and brightness controls. BUS termination switch.
- Wall mounted (or via **62931** desktop kit), satin white finish.
- Memory videophone option (**6286/MV**) available capable of storing up to 100 pictures with corresponding recorded date & time.

Technical characteristics

Display	3.5" Hi-Res colour LCD TFT screen.
Handset/Handsfree	Handset.
Number of buttons and function	4, Camera recall, door-open & Intercommunicating call, privacy ON/OFF & BUS relay activation button and spare service button.
Privacy	Yes, timed or manual control.
LEDs	3: Privacy ON/OFF, videophone ON and door open.
Memory board option	Yes, up to 100 pictures with recorded date & time (6286/MV).
Adjustments	3 level call tone volume switch (low, medium and high). Contrast and colour intensity adjustment POTs and brightness controls. BUS termination switch.
Programmable features	No. of rings (9 max.), melody type (9 max.), privacy duration time (15 mins up to 20 hours max. or manual control). Videophone address (ID).
Inputs	Local bell and door open LED.
Power supply input	32-35Vdc (supplied by 2 wire BUS).
Power consumption	Standby 0.3mA, during operation 150mA, peak 200mA (max.).
Working temperature	-20°/+60°C.
Dimensions (mm)	144(W) x 182(L) x 27(D).
Mounting	Surface (wall) or via desktop kit.
Finishes	Satin white.
Accessories	62931 desktop kit.



Accessories

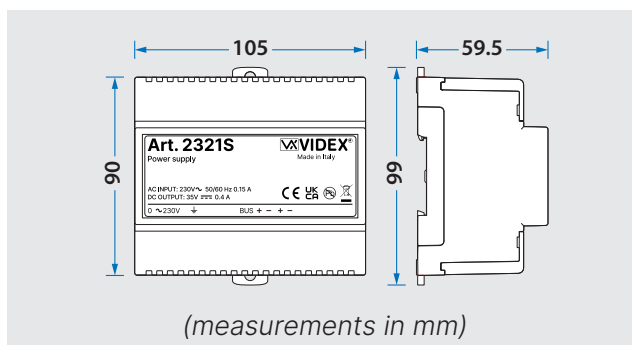
62931 desktop kit
(inc. 895 wall socket)



2321S Power Supply

Key Features

- Audio/video power supply for the VX2300 digital 2 wire BUS system.
- Used to power up to 1 entrance panel and a maximum of up to 20 devices.
- Can also be used to locally power up to 2 videophones within the same apartment.



Technical characteristics

Mains input	230Vac (50/60Hz) mains input.
Output voltage	35Vdc (2x +/- BUS).
Current	0.4A.
Adjustments	3 level voltage adjustment: 35Vdc (L), 36Vdc (M) and 37Vdc (H).
LEDs	Power ON LED to indicate power supply status.
Module enclosure	6 module A type DIN box.
Mounting	Surface: DIN rail or directly to wall.
Dimensions (mm)	105(W) x 90(L) x 59.5(D).
Working temperature	-20°/+60°C.
Finishes	White ABS plastics.



955MF Mifare proximity fobs and card



955MF/T



955MF/B



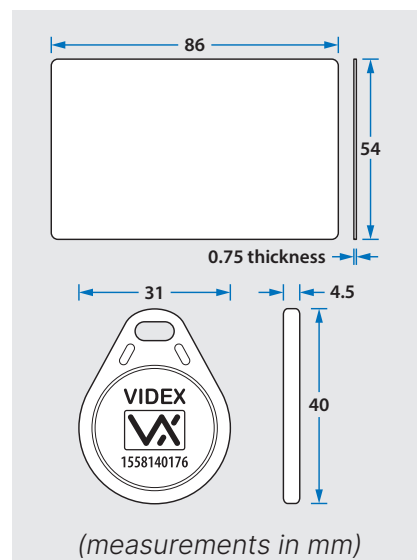
955MF/G



955MF/R



955MF/C



Technical characteristics

Part No.	955MF/T	955MF/B	955MF/G	955MF/R	955MF/C
Description	Mifare proximity fobs/card (ISO IEC 14443A).				
Fob/card	Keyfob.				Card.
Colours	Blue.	Black.	Green.	Red.	White.
Dimensions (mm)	Keyfob: 31(W) x 40(L) x 4.5(D). Card: 86(W) x 54(L) x 0.75(thickness).				

Call Button Configurations



1 button
(with ERARSB rainshield)



2 buttons



4 buttons
(with ERARSB rainshield)



1 button + coded access

Part Codes

Videokit

ERAKIT23B6286	VX2300 ERA series surface mount colour videokit in a gun metal grey finish, including 2321S psu, 6286 videophone, 1x 955MF/C & 4x 955MF/T .
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Additional Parts & Accessories

ERA23VB	VX2300 ERA series video entry panel in a gun metal grey finish.
ERARSB	Rainshield surround for ERA23VB video entry panel in a gun metal grey finish.
6286	Surface mount, 6200 series videophone, 3.5" colour LCD TFT screen.
6286/MV	Surface mount, 6200 series memory videophone, 3.5" colour LCD TFT screen.
62931	Desk kit for 6200 series videophones.
2321S	VX2300, 2 wire BUS psu.
2321P	VX2300, 2 wire BUS psu for multiple entrance systems up to 100 apartments.
2301	2 - 4 entrance exchange unit (1 required for every 4 entrances).
2305	VX2300 extension relay/additional sounder relay.
317	4 way active BUS distributor with gain adjust for up to 4 videophones/monitors.
318	2 way passive BUS distributor for up to 2 videophones/monitors.
319	2 way active BUS distributor with gain adjust for up to 2 videophones/monitors.
955MF/T	Blue Mifare proximity fob (ISO IEC 14443A).
955MF/B	Black Mifare proximity fob (ISO IEC 14443A).
955MF/G	Green Mifare proximity fob (ISO IEC 14443A).
955MF/R	Red Mifare proximity fob (ISO IEC 14443A).
955MF/C	White Mifare proximity card (ISO IEC 14443A).



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