VR120 SERIES PANELS

VR120 SERIES

VR120 Series Vandal Resistant Audio/Video Panels with codelock for the VX2200 digital system

VX2200

VR120/138-3/V/CL



VR120/138-12/V/CL



1 button up to 12 button panels available

The VR120 series audio/video panels are fitted with the **138** speaker module that has been designed for the VX2200 digital system.

The panels are 120mm wide, manufactured from 2mm thick 316 marine grade vertically brushed stainless steel.

The **138** speaker features three call progress LEDs: speak, busy and open, also reassurance tones and acoustic signals to aid the caller in the call process.

The panels also incorporate a **130** high quality colour camera module and a **VR4901/NFP** 3 code, 3 relay codelock module with blue back-lit keypad buttons.

Vandal resistant panel
120mm wide, 2mm thick 316 marine grade brushed stainless steel.

Panel protections
IP55 ingress protection rating and **IK10** impact protection rating.

Call status indication LEDs
DDA compliant call progress LEDs: speak (yellow), busy (red) and door open (green).

Reassurance tones
Call progress reassurance tones and acoustic signals.

Vandal resistant call buttons
IP68 rated **VXSSB** call buttons with high contrast yellow bezel button upgrade option: **VXSSB/Y/UPGRADE**.

Mic volume & speaker level volume controls
Adjustable mic and speaker volume controls including volume balance.

Lock release relay
Volt free relay contacts (**C**/**NO**/**NC**) for door lock or gate controls.

Hi-Res colour camera
High quality CMOS camera with 6 bright white light illumination LEDs.

Coax or balanced video signal
Configure the camera for coax video or balanced (non-coax) video.

Codelock module
3 code, 3 relay codelock with blue back-lit keypad buttons.

DDA
DDA COMPLIANT

IP 55
INGRESS PROTECTION

IK 10
IMPACT PROTECTION

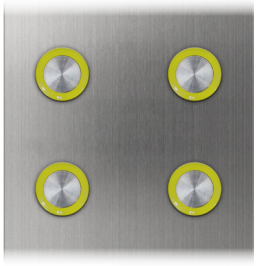
VIDEX®

VR120 Series Audio/Video Panels with Codelock

VX2200

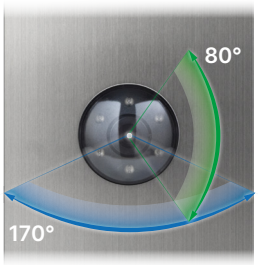
	VR120/138-1/V/CL	VR120/138-2/V/CL	VR120/138-3/V/CL
			
No. of call buttons	1x **VXSSB**	2x **VXSSB**	3x **VXSSB**
Yellow bezel button	1x **VXSSB/Y/UPGRADE**	2x **VXSSB/Y/UPGRADE**	3x **VXSSB/Y/UPGRADE**

VXSSB/Y/UPGRADE yellow bezel button option



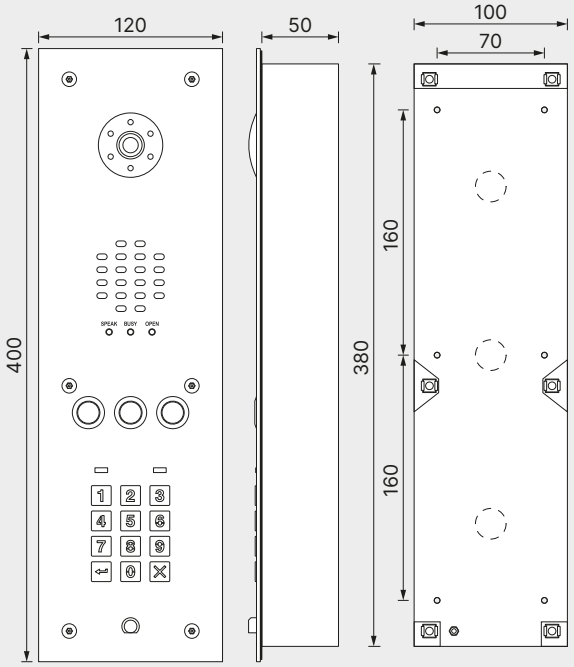
	VR120/138-4/V/CL	VR120/138-5/V/CL	VR120/138-6/V/CL
			
No. of call buttons	4x **VXSSB**	5x **VXSSB**	6x **VXSSB**
Yellow bezel button	4x **VXSSB/Y/UPGRADE**	5x **VXSSB/Y/UPGRADE**	6x **VXSSB/Y/UPGRADE**

Description	VR120 series vandal resistant VX2200 audio/video panels with codelock (inc. flush box).
Finish and materials	2mm thick 316 marine grade vertically brushed stainless steel.
Speaker module	**138** functional VX2200 speaker module with reassurance tones and acoustic signals.
Working voltage **Current rating** **LEDs** **Lock release** **Push to Exit**	12Vdc power input **+/-** 10% (compatible with **521B** psu and **2291V** series cabinets). Standby: 30mA, during operation: 200mA (max.). 3x DDA compliant call prgress LEDs: yellow (speak), red (busy) and green (door open). Lock relay: dry contact relay (C/NC/NO) (max. 24Vac/dc @ 2A). 1x PTE push to exit input (switched 0V).
Camera module	**130** high quality CMOS colour camera with 6 bright white illumination LEDs.
Working voltage **Current rating** **Viewing angle** **Video signal**	12Vdc **or** 20Vdc power input (compatible with the **521B**, **893N** and **HDR-30-15** PSUs). During operation: 100mA (max.). Wide viewing angle: 80° vertical and 170° horizontal. Balanced video signal (V1/V2) **or** coax video signal (V/M).
Codelock module	**VR4901/NFP**, 3 code, 3 relay codelock module with blue back-lit keypad buttons.
Panel size (mm)	Panel dimensions for 1-3 button panels: **120 (W) x 400 (L) x 38 (D).** Panel dimensions for 4-12 button panels: **120 (W) x 500 (L) x 38 (D).**
Flush box size (mm)	**VRFB120x400** (to fit 1-3 button size panels) : **100 (W) x 380 (L) x 50 (D).** **VRFB120x500** (to fit 4-12 button size panels) : **100 (W) x 480 (L) x 50 (D).**
Other back box options	Surface with rainshield surround **or** flush with bezel surround.
Surface box size (mm)	**1.2mm** thick, 316 grade vertically brushed stainless steel rainshield surround. **VRSB120x400** (to fit 1-3 button size panels) : **124 (W) x 404 (L) x 80 (D).** **VRSB120x500** (to fit 4-12 button size panels) : **124 (W) x 504 (L) x 80 (D).**
Bezel box size (mm)	**1.2mm** thick, 316 grade vertically brushed stainless steel with **18mm** bezel surround. **VRBB120x400** (to fit 1-3 button size panels) : **157 (W) x 437 (L) x 60 (D).** **VRBB120x500** (to fit 4-12 button size panels) : **157 (W) x 537 (L) x 60 (D).**

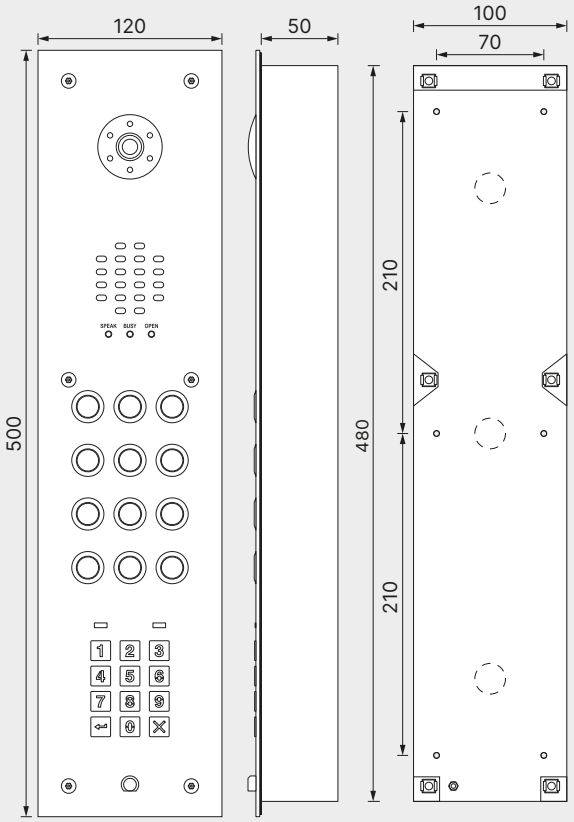
Camera viewing angle: 80° vertical and 170° horizontal 	**VR120/138-7/V/CL** 	**VR120/138-8/V/CL** 	**VR120/138-9/V/CL** 
No. of call buttons	7x **VXSSB**	8x **VXSSB**	9x **VXSSB**
Yellow bezel button	7x **VXSSB/Y/UPGRADE**	8x **VXSSB/Y/UPGRADE**	9x **VXSSB/Y/UPGRADE**
Blue backlit keypad buttons to assist the partially sighted 	**VR120/138-10/V/CL** 	**VR120/138-11/V/CL** 	**VR120/138-12/V/CL** 
No. of call buttons	10x **VXSSB**	11x **VXSSB**	12x **VXSSB**
Yellow bezel button	10x **VXSSB/Y/UPGRADE**	11x **VXSSB/Y/UPGRADE**	12x **VXSSB/Y/UPGRADE**

Description	VR120 series vandal resistant VX2200 audio/video panels with codelock (inc. flush box).
Finish and materials	2mm thick 316 marine grade vertically brushed stainless steel.
Speaker module	**138** functional VX2200 speaker module with reassurance tones and acoustic signals.
Working voltage **Current rating** **LEDs** **Lock release** **Push to Exit**	12Vdc power input **+/-** 10% (compatible with **521B** psu and **2291V** series cabinets). Standby: 30mA, during operation: 200mA (max.). 3x DDA compliant call prgress LEDs: yellow (speak), red (busy) and green (door open). Lock relay: dry contact relay (C/NC/NO) (max. 24Vac/dc @ 2A). 1x PTE push to exit input (switched 0V).
Camera module	**130** high quality CMOS colour camera with 6 bright white illumination LEDs.
Working voltage **Current rating** **Viewing angle** **Video signal**	12Vdc **or** 20Vdc power input (compatible with the **521B**, **893N** and **HDR-30-15** PSUs). During operation: 100mA (max.). Wide viewing angle: 80° vertical and 170° horizontal. Balanced video signal (V1/V2) **or** coax video signal (V/M).
Codelock module	**VR4901/NFP**, 3 code, 3 relay codelock module with blue back-lit keypad buttons.
Panel size (mm)	Panel dimensions for 4-12 button panels: **120 (W) x 500 (L) x 38 (D).**
Flush box size (mm)	**VRFB120x500** (to fit 4-12 button size panels) : **100 (W) x 480 (L) x 50 (D).**
Other back box options	Surface with rainshield surround **or** flush with bezel surround.
Surface box size (mm)	**1.2mm** thick, 316 grade vertically brushed stainless steel rainshield surround. **VRSB120x500** (to fit 4-12 button size panels) : **124 (W) x 504 (L) x 80 (D).**
Bezel box size (mm)	**1.2mm** thick, 316 grade vertically brushed stainless steel with **18mm** bezel surround. **VRBB120x500** (to fit 4-12 button size panels) : **157 (W) x 537 (L) x 60 (D).**

(measurements in mm)



1 - 3 button panels + **VRFB120x400** flush box



4 - 12 button panels + **VRFB120x500** flush box

Part Codes

Part No.	Description
VR120/138-1/V/CL	VR120 series 1 way VX2200 audio/video panel with codelock (inc. flush box).
VR120/138-2/V/CL	VR120 series 2 way VX2200 audio/video panel with codelock (inc. flush box).
VR120/138-3/V/CL	VR120 series 3 way VX2200 audio/video panel with codelock (inc. flush box).
VR120/138-4/V/CL	VR120 series 4 way VX2200 audio/video panel with codelock (inc. flush box).
VR120/138-5/V/CL	VR120 series 5 way VX2200 audio/video panel with codelock (inc. flush box).
VR120/138-6/V/CL	VR120 series 6 way VX2200 audio/video panel with codelock (inc. flush box).
VR120/138-7/V/CL	VR120 series 7 way VX2200 audio/video panel with codelock (inc. flush box).
VR120/138-8/V/CL	VR120 series 8 way VX2200 audio/video panel with codelock (inc. flush box).
VR120/138-9/V/CL	VR120 series 9 way VX2200 audio/video panel with codelock (inc. flush box).
VR120/138-10/V/CL	VR120 series 10 way VX2200 audio/video panel with codelock (inc. flush box).
VR120/138-11/V/CL	VR120 series 11 way VX2200 audio/video panel with codelock (inc. flush box).
VR120/138-12/V/CL	VR120 series 12 way VX2200 audio/video panel with codelock (inc. flush box).
VXSSB/Y/UPGRADE	Upgrade call button to VXSSB/Y button with yellow bezel.
VRFB120x400	Flush back box for VR120 series panels to fit 120x400 size panel.
VRFB120x500	Flush back box for VR120 series panels to fit 120x500 size panel.
VRSB120x400	Surface back box for VR120 series panels to fit 120x400 size panel.
VRSB120x500	Surface back box for VR120 series panels to fit 120x500 size panel.
VRBB120x400	Flush bezel back box for VR120 series panels to fit 120x400 size panel.
VRBB120x500	Flush bezel back box for VR120 series panels to fit 120x500 size panel.

VIDEX U.K. Ltd

Main Office
Unit 4-7 Chillingham Ind. Estate, Chapman Street,
Newcastle Upon Tyne, NE6 2XX
tel: 0370 300 1240
sales@videxuk.com **www.videxuk.com**

ISO 9001 SYSTEM CERTIFICATION SGS UKAS MANAGEMENT SYSTEMS 0005

Although every effort has been made to provide accurate information, there may be technical or print errors in this data sheet. Videx reserves the right to make changes, corrections and improvements to such information at any time and without prior notice.