




Vision Remote AS VX-100 combines a traditionally industrial radio remote control system with a rugged tablet into one unit. The VX-100 RU is designed as an intrinsically safe (EX) unit for use in hazardous areas. The VX-100 RU is equipped with a 10,1" multi touch LCD-screen and complies with the latest safety standards.

By using the GUI to select different user applications, the Vision Remote VX-100 concept allows to have one handheld remote control for many different machines.

User-designed applications can be installed on the VX-100 RU by using an easy to use service application.

### Technical Specifications

Operating temperature	-25 - +55 °C
Storage Temperature	-30 - +70 °C
EX rating	IECEX - Ex ib IIC T4 Gb ATEX -  II 2G Ex ib IIC T4 Gb
Approvals	CE, ATEX and IECEX – EN60079-0 & 11
Safety Level Stop function	IEC 62745 GSS and ATS EN ISO 13849 CAT. 3 PLd when remote armed
Ingress Protection (IP)	IP66* Depending on configuration
Dimensions	415x226x97,5mm (16,34x10,08x3,84 inch)
Weight	Approx. 4,7kg* Depending on configuration
Display	Screen size 10,1" Aspect ratio 16:10 Resolution 1920x1200

	Contrast ratio 800:1 White luminance 1000cd/m2 Viewing angle 160 degrees 1mm chemically strengthened front glass Daylight Viewable PCAP multi-touch, Usable with thin gloves
Operator Feedback Sensors	Vibration and audio Accelerometers and gyroscope to detect tilting, free fall, and shock. Ambient light sensor
Operating System	Windows 10
GUI Software platform	Qt - A standard API available for easy development of user apps.
Hardware platform	Intel x86-based @ 1.3-1.8GHz – 2Gb ram – 128Gb storage
Radio link	Visionlink – Proprietary redundant radio link consisting of: Highly reliable UHF and WiFi supporting 802.11a/b/g/n (2.4GHz/5.8GHz)
Radio operating range	UHF typically 200m WiFi typically 50m
Battery	Lithium Ceramic technology Nominal voltage 7.6V Up to 6 hours battery life (50% backlight/50% CPU load) Changeable in Zone 1. Charging in Zone 1 using cable and VX-100 Barrier (EXi) (Unit turned off) Charging in safe area using table charger
Configuration options	Choose from standard several types of joysticks and switches.
Camera	Forward facing camera - 8MP – Max Resolution 3264(H)x2448(V)@15FPS
Accessories	Docking station with charging (Safe area) Docking station with charging (Zone 1) – Use of VX-100 Barrier required Docking station without charging (Zone 1) Carrying harness Table charger for batteries - Use in safe area Visionlink cable
Part number	VR-EXPR0001 – Custom configuration VR-EXPR000101 – Standard 1 VR-EXPR000102 – Standard 2 VR-EXPR000103 – Standard 3 VR-EXPR000104 – Standard 4 VR-EXPR000105 – Standard 5 Contact Vision Remote AS for further information

Content of datasheet is subject to change without notice.