BE-CBAC Control Box with Access rights

Control Manager of DV-9525/AV-9520/AV-9530 KVM over IP

The BE-CBAC control Box is the control manager of DV-9525/AV-9520/AV-9530 kvm over ip and it is an industrial control interfaces into a compact edge computing solution. Powered by a **quad-core ARM Cortex-A55 CPU (up to 1.7 GHz)** and a **Mali-G57 GPU**. For enhanced connectivity, the control box integrates **dual Gigabit Ethernet ports**. It also provides **RS232** and **RS485** interfaces for industrial device control.

With **2 GB DDR4 memory**, **16 GB eMMC storage**, and comprehensive I/O options (USB 3.0, HDMI), the BE-CBVW is ideal for **smart factory**, **industrial automation.** The BE-CBAC builds in the access control rights function by web-based with Linux operating system.

The BE-CBAC can search for DV-9525/AV-9520/AV-9530 Tx & Rx and set the information of Transmitters and Receivers, BE-CBAC can set the Multiview to preview the screens of transmitters in one screen.

BE-CBAC allows user to set the access rights for the transmitters when receiver try to login transmitter, there are settings of login user name & password ,users group ,transmitter and transmitters group.

Features:

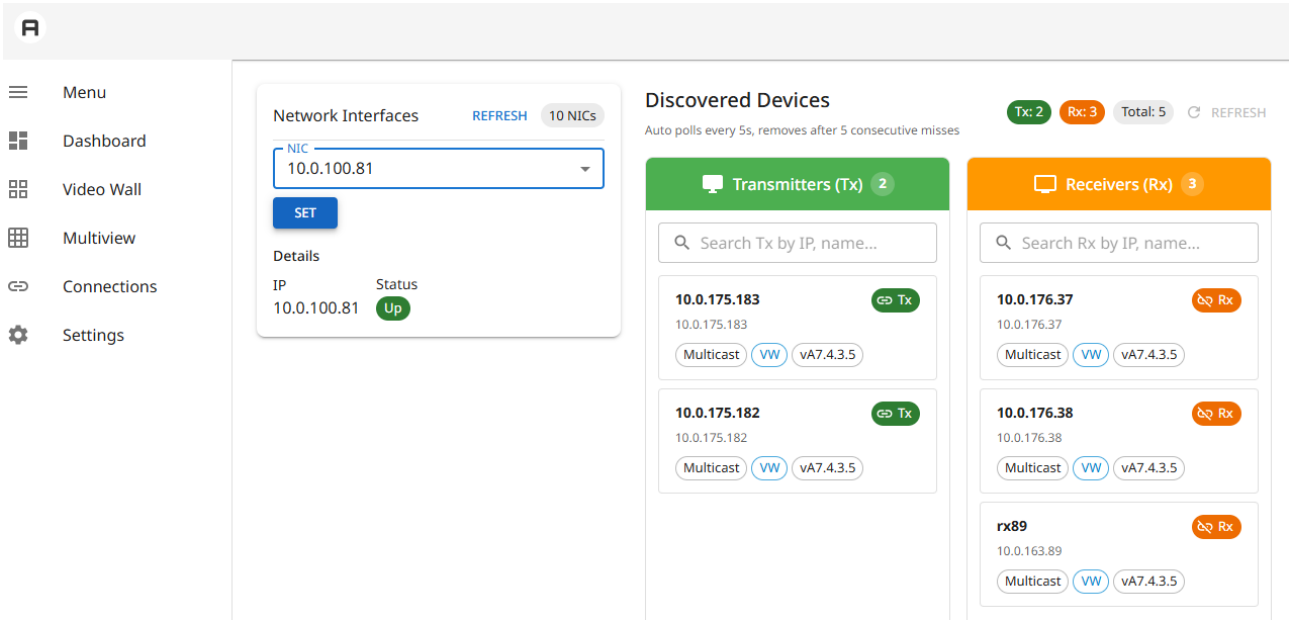
- Quad-core ARM Cortex-A55 up to 1.7 GHz
- Large private & shared CPU Caches for enhanced performance
- Mali-G57 GPU, delivering 2× graphics performance over Mali-G31
- High-Speed Connectivity: Integrated Gigabit Ethernet MAC + PHY
- Smart Display: HDMI 2.1 output with up to 4K60 HDR
- Provide Connection Manager Software for Tx/Rx management of matrix connection
- Provide setting to set the Tx/Rx information as ip , device name ,multicast/unicast etc..
- Provide Multiview to set multi transmitters and preview the transmitters in one screen simultaneously.
- Provide Username/password to login and manage the control manager.
- Provide the settings of access rights with username & password/user group/transmitter/transmitters group.

BE-CBAC Front & Rear view:

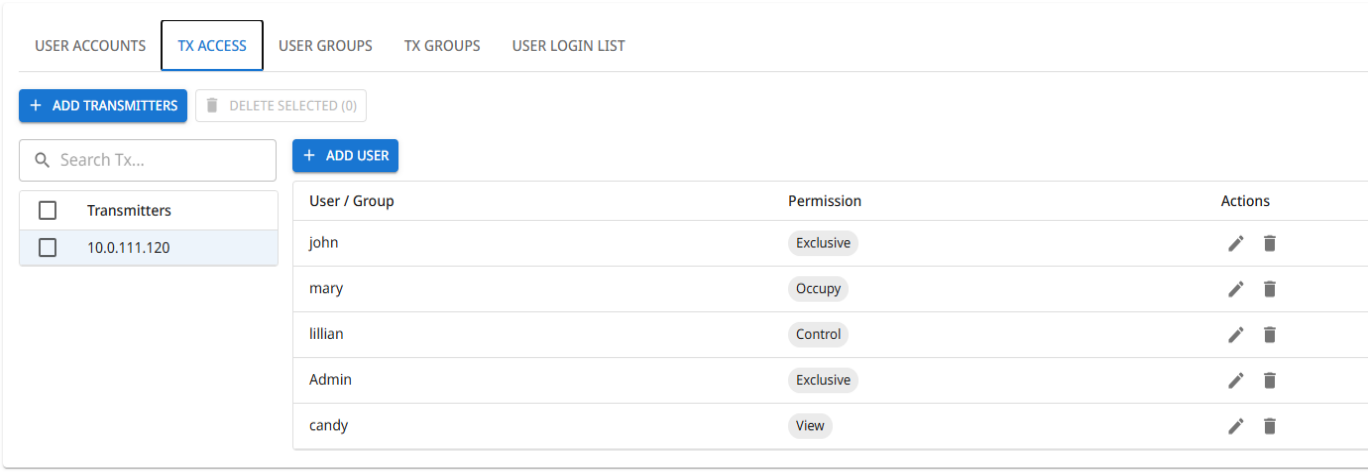




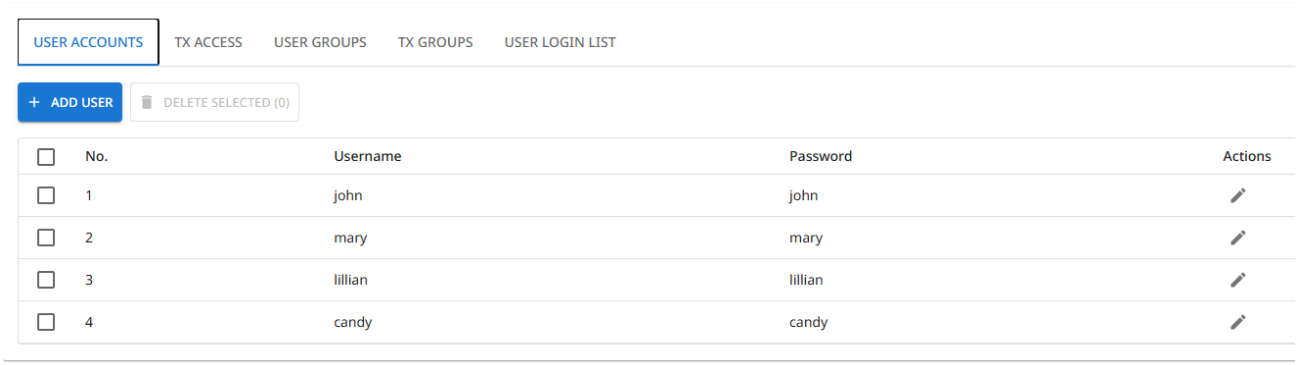
Screen view of control manager



Access Rights management:

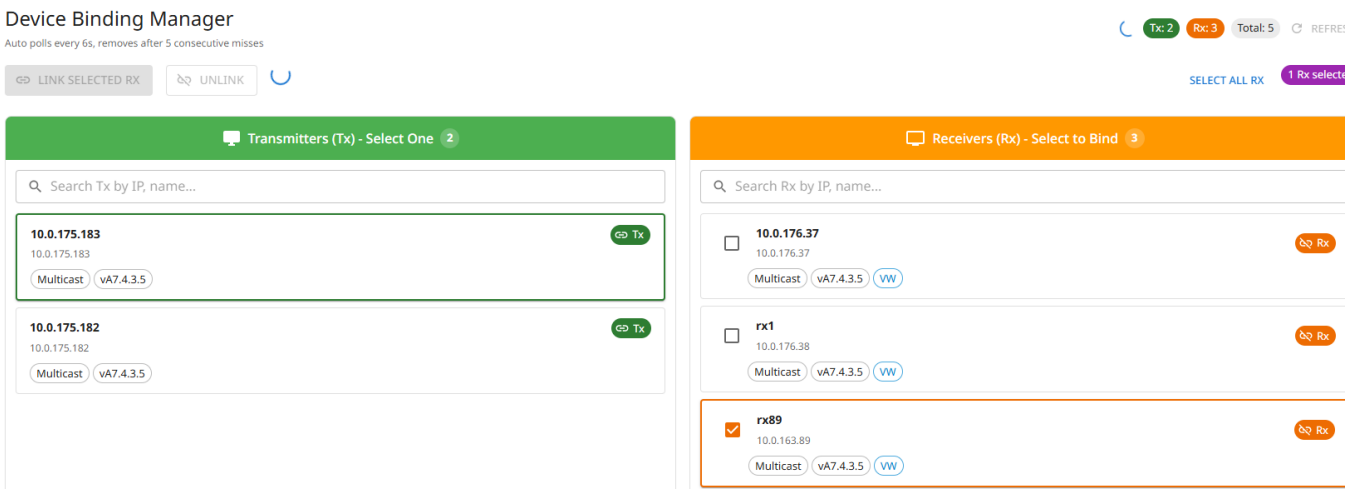


AC user management:

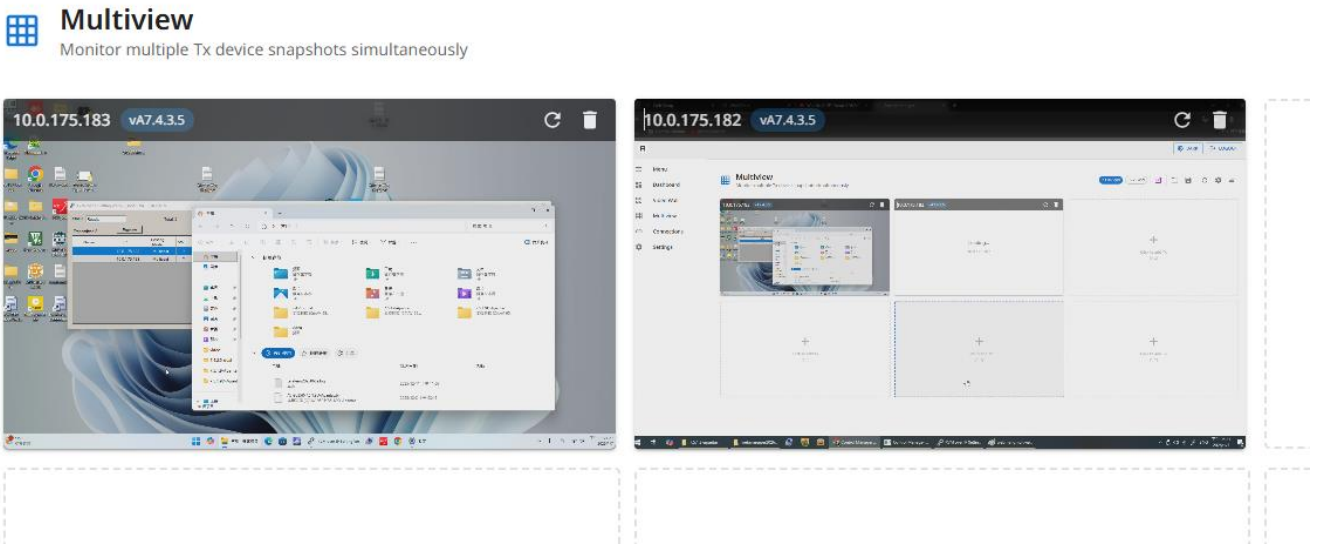


Connection manager:

Tx and Rx matrix connections



Multiview: (The preview of multi transmitters)



Hardware specification:

Processor	OS	Linux
	SoC	CPU : Quad core ARM Cortex A55 CPU 1.7GHz
		GPU : ARM Mali G57
	DDR4	2GB
	EMMC FLASH	16GB
Ethernet	Ethernet_1	RJ45, 10/100/1000M
	Ethernet_2	RJ45, 10/100/1000M bps
I/O Interface	HDMI Out	*1
	USB 3.0	*2
	USB 2.0	*2
Control	RS232	DB9 (9pin)
	RS485	TX/RX/GND (3 pin)
Power	DC 12V / 1.5A	
Dimensions	170*100 mm (PCBA)	Chassis undecided

Diagram

