

DB - UniManager

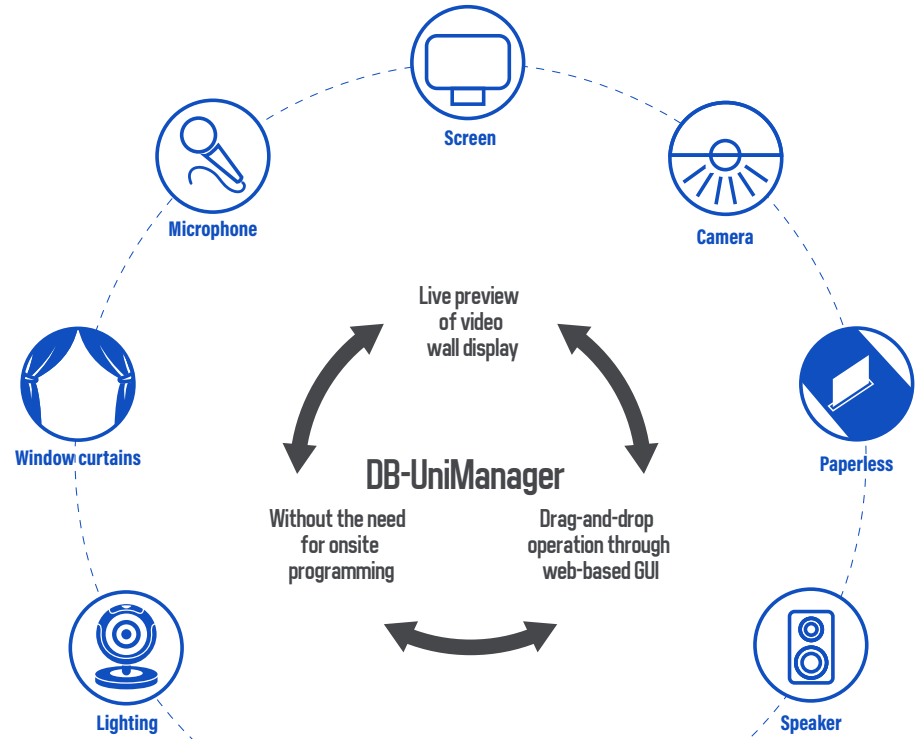
Centralized Controller Without Onsite Programming





DB-UniManager Series controller are launched to control AV system in an easier way for meeting room or control room applications.

As a unified control platform, UniManager can work perfectly with DigiBird products and 3rd party control devices to achieve best outcome.



Farewell to blind

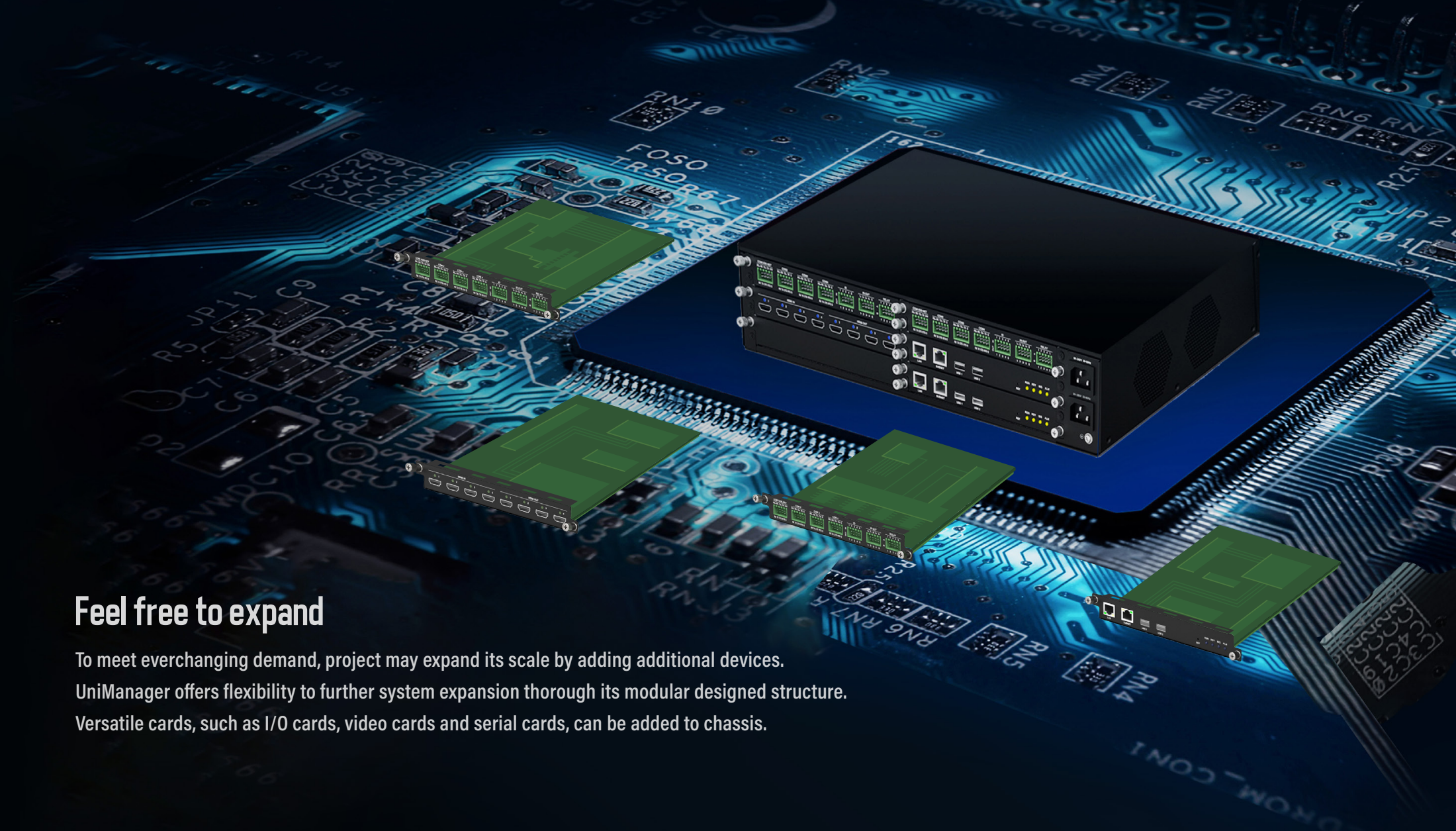
Are you still suffering from managing video wall without knowing what content is displaying? UniManager works seamlessly with DigiBird controller to deliver live preview of input source and video wall display. Time to farewell to "blind era" when you have to manage video through outdated button.





On-site programming? Forget it

On-site programming is always a challenge during project deployment. X-Designer makes the progress as easy as playing LEGO. Select corresponding module in system library and design whatever layout you want without the need of onsite programming.

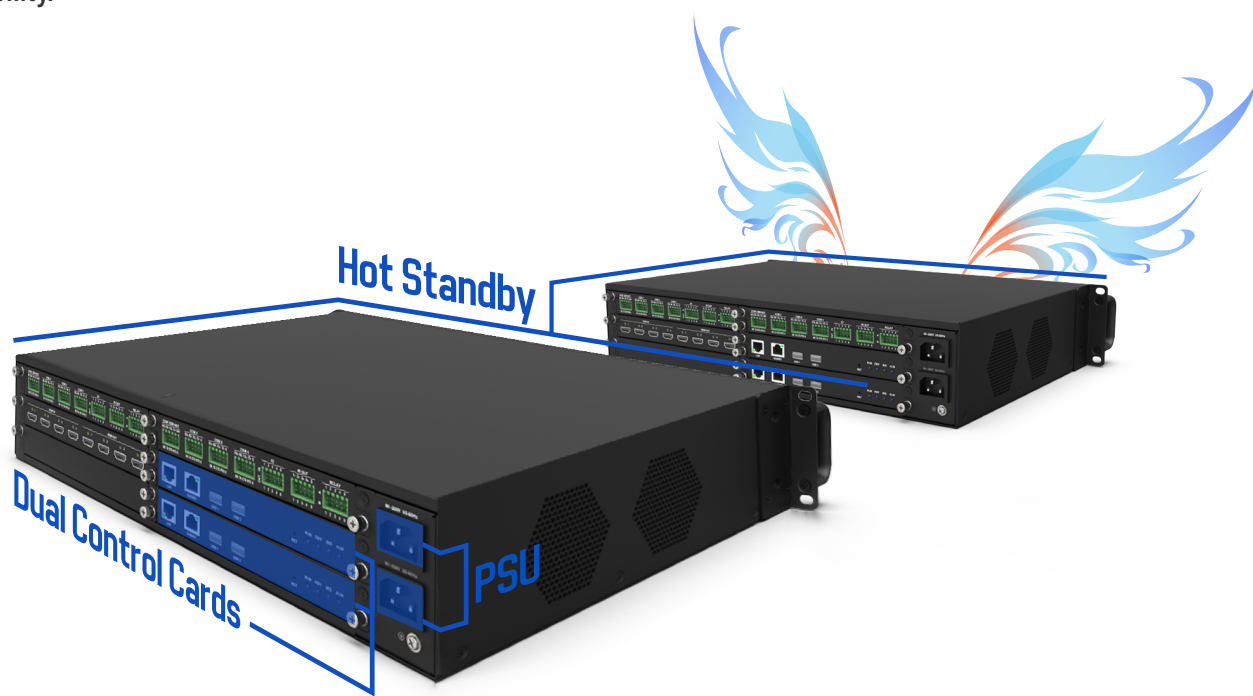


Feel free to expand

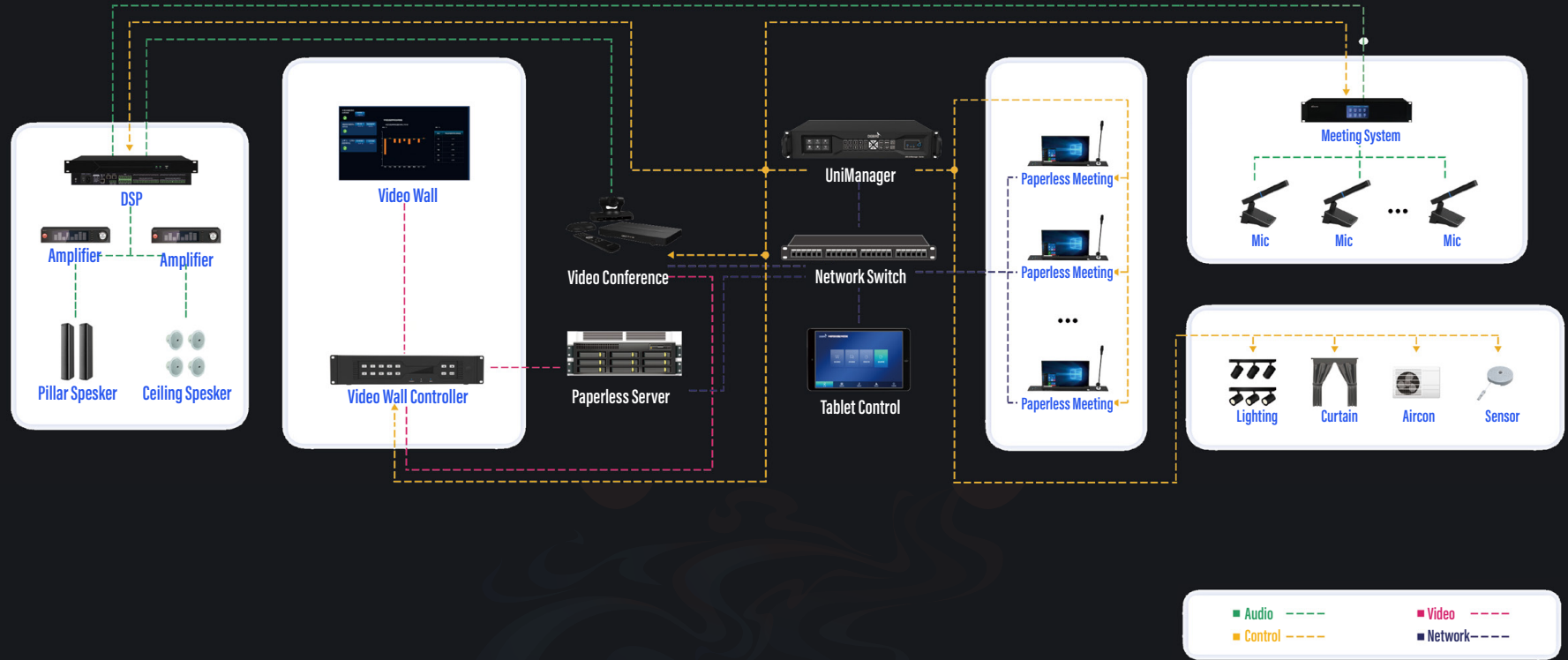
To meet everchanging demand, project may expand its scale by adding additional devices. UniManager offers flexibility to further system expansion through its modular designed structure. Versatile cards, such as I/O cards, video cards and serial cards, can be added to chassis.

Reliability is key factor

UniManger offers three-level back-up to ensure system reliability.



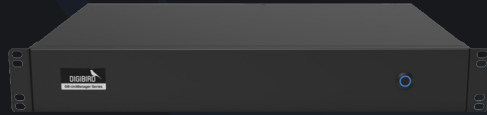
Diagram



UniManager B Series

1.5U Fixed Chassis

The chassis supports 8x COM ports, 8x I/O ports, 10x relay ports and 8x IR ports



Front Panel

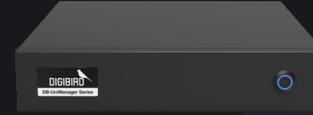


Rear Panel

Interface		Interface	
COM1/COM5	Supports RS232/RS422/RS485; Max data rate 115,200Kbps; Supports 24V output, max power 10W	Relay x8	N.O. Relay Rated parameter: 1A / 125AC, 2A / 30VDC
COM2/COM3/COM4 COM6/COM7/COM8	Supports RS232/RS422/RS485; Max data rate 115,200Kbps;	IR x8	Infrared or serial output port Maximum IR output rate: 2MHz; 115.2k One-way serial output: 0-5V Maximum baud rate 115.2k
Digital Input x8	Internal clamping voltage 5.5V Maximum low level input voltage: 0.8V Minimum high level input voltage: 2V Default is pull-up, resistor 51K, voltage 5V Can be configured as pull down, pulldown resistor 51K Note: All ports should be configured to pull-up or pull down as a whole. Does not support be configured individually.	Others	
Digital Output x8	Internal clamping voltage 5.5V Low level output voltage: Typical: 0V Maximum: 0.5V High level output voltage Typical: 5V Minimum: 4.5V Maximum output load: 5V/10mA	Power	44W
		Working Voltage	AC input voltage: 90-260VAC / 50-60Hz DC input voltage: 113-370V
		Temperature	0-50°C (working), -55 - 70°C (Storage)
		Humidity	10%-80 (working), 10%-90% (Storage)
		Physical	
		Net Weight	5.8 Kg
		Dimension	442.6mmx 302mmx 67.5mm (LxDxH)

Mini Compact Chassis

Single compact controller supports 4x COM ports, 4x I/O ports, 5x relay ports, 4x IR ports and 1x 12V DC power port.



Front Panel



Rear Panel

Interface		Interface	
COM1	Supports RS232/RS422/RS485; Max data rate 115,200Kbps; Supports 24V output, max power 10W	Relay x5	N.O. Relay Rated parameter; 1A / 125AC, 2A / 30VDC
COM2/COM3 COM4	Supports RS232/RS422/RS485; Max data rate 115,200Kbps;	IR x4	Infrared or serial output port Maximum IR output rate: 2MHz; 115.2k One-way serial output: 0-5V Maximum baud rate 115.2k
Digital Input x4	Internal clamping voltage 5.5V Maximum low level input voltage: 0.8V Minimum high level input voltage: 2V Default is pull-up, resistor 51K, voltage 5V Can be configured as pull down, pulldown resistor 51K Note: All ports should be configured to pull-up or pull down as a whole. Does not support be configured individually.	Others	
Digital Output x4	Internal clamping voltage 5.5V Low level output voltage: Typical: 0V Maximum: 0.5V High level output voltage Typical: 5V Minimum: 4.5V Maximum output load: 5V/10mA	Power	25W
		Working Voltage	input voltage: 12V/3A
		Temperature	0-50°C (working), -55 - 70°C (Storage)
		Humidity	10%-80 (working), 10%-90% (Storage)
		Physical	
		Net Weight	1.9 Kg
		Dimension	230.6mmx 241mmx 47mm (LxDxH)

UniManager E Series

2U Modular Chassis

Single chassis supports 4x functional cards, 2x PSUs and 2x control cards.



Front Panel



Rear Panel

PSU

PSU Dual PSU

Slots

Functional 4x functional slots

Control 2x redundant control cards

Parameters

Power 15W

Working Voltage AC Input: 90-260VAC / 50-60Hz DC Input: 113-370V

Temperature 0-50°C (working),
-55 - 70°C (Storage)

Humidity 10%-80 (working),
10%-90% (Storage)

Physical

Net Weight 6.1Kg

Dimension 442.6mmx305mmx90mm (LxDxH)

1.5U Modular Chassis

Single chassis supports 3x functional cards, 1x PSU and 1x control card



Front Panel



Rear Panel

PSU

PSU Single PSU

Slots

Functional 3x functional slots

Control Single control card

Parameters

Power 15W

Working Voltage AC Input: 90-260VAC / 50-60Hz DC Input: 113-370V

Temperature 0-50°C (working),
-55 - 70°C (Storage)

Humidity 10%-80 (working),
10%-90% (Storage)

Physical

Net Weight 5.1Kg

Dimension 442.6mmx 303mmx 66mm (LxDxH)



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