



Professional AV solutions for any setup.

Seamless matrix switches

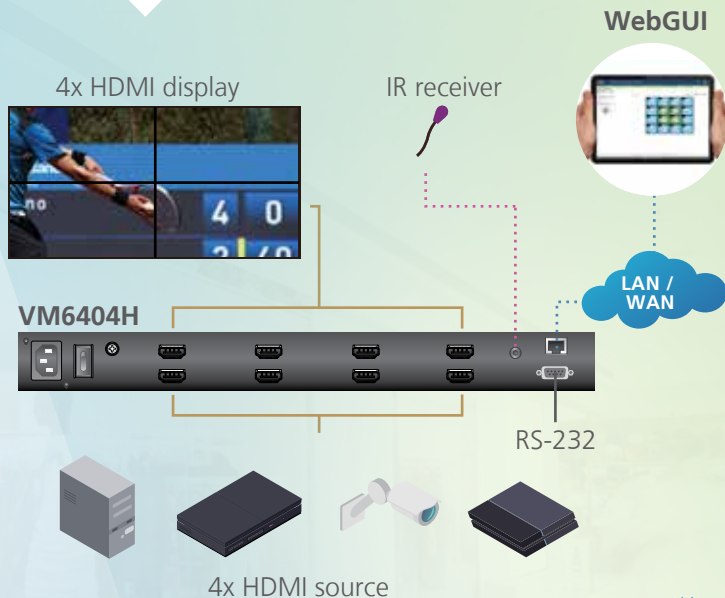
- full HD and 4K
- videowall function
- Seamless switch and scaler
- mobile control and webGUI
- up to 100m with HDBaseT
- HDCP2.2, HDMI2.0 (VM6404H)



reddot award 2015
winner interface design



..... Network — HDMI IR — RS-232



Impress with a stunning 4K videowall.

**Product
VM6404H**



Note: combine VM3404H / VM3909H with the VE805R HDBaseT Lite extender to enable the videowall and Seamless switching functions.

	Interface	Input x Output	Resolution
Seamless matrix switches			
VM5404H / VM5808H	HDMI	4 x 4 / 8 x 8	up to 1920 x 1080
VM5404D / VM5808D	DVI-D	4 x 4 / 8 x 8	up to 1920 x 1200
VM6404H	HDMI	4 x 4	up to 4096 x 2160
VM3404H / VM3909H	HDMI, HDBaseT	4 x 4 / 9 x 9	up to 4096 x 2160

Seamless modular matrix switch

- dual power
- full HD and 4K
- videowall function
- rack mountable, 6U
- up to 8 I/O 4-port boards
- up to 100m with HDBaseT
- Seamless switch and scaler
- mobile control and webGUI



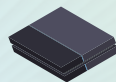
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winner interface design

HDBT
ASE

	Interface	Input / Output	Resolution
4 Port in- and output boards			
VM7604	DVI-D	input	up to 1920 x 1200
VM8604	DVI-D	output	up to 1920 x 1200
VM7804	HDMI	input	up to 1920 x 1080
VM8804	HDMI	output	up to 1920 x 1080
VM7404	3G/HD/SD-SDI	input	up to 1920 x 1080
VM7104	VGA	input	up to 1920 x 1200
VM7514	HDBaseT	input	up to 4096 x 2160
VM8514	HDBaseT	output	up to 4096 x 2160

..... Network — HDMI — DVI-D — Cat5e/6 — Audio — Serial

4x HDMI source



4x DVI-D source



4x Audio source



VM1600



VM7804
VM7604

2x Available
input board slots

4x
VM8514

RS-232

WebGUI

RS-485,
RS-422

16x HDBaseT
Receiver



16x HDMI display



Control a 4 x 4 videowall with
various interfaces and 32
connection profiles

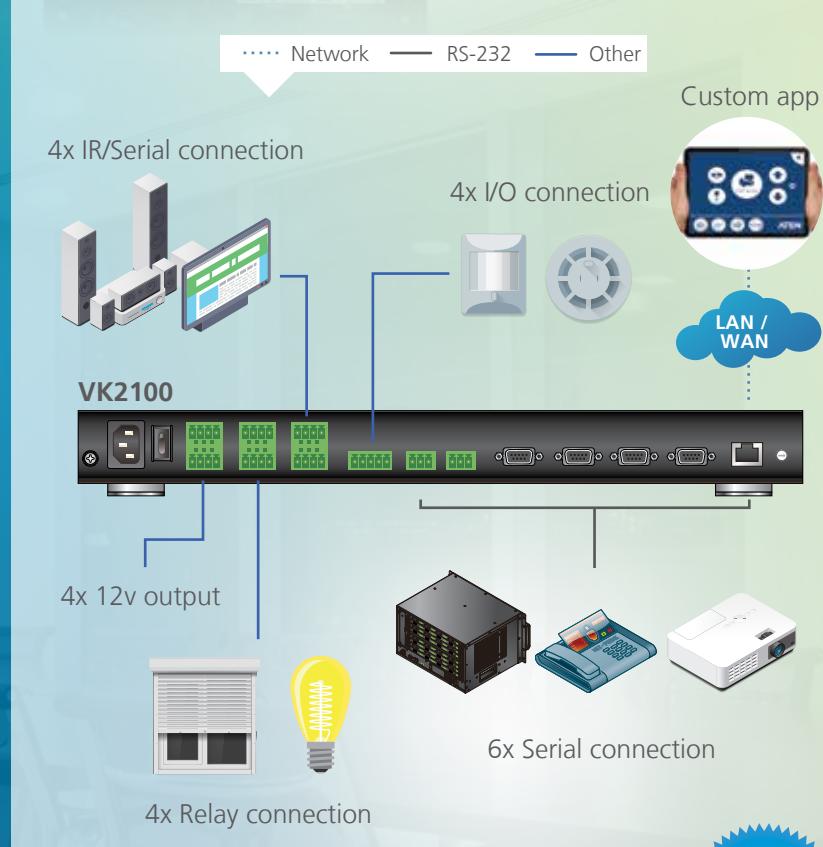
**Product
VM1600**



Hardware control system

- room control system
- mobile control via App for:
 - tablet
 - computer
 - smartphone
- instant setup switching
- device control and automation
- various interfaces:
 - 6 Serial ports
 - 4 IR / Serial ports
 - 4 Relay channels
 - 4 I/O channels
 - 1 Ethernet port
 - 4 DC 12V outputs (24W)
- various expansion boxes available

3-step installation:



One touch to control an entire presentation room, AV setup, control center and much more.

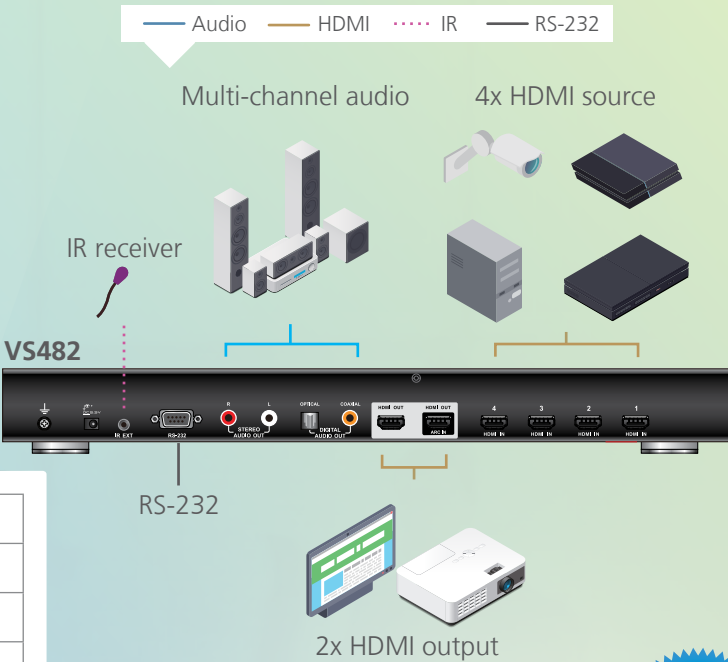
**Product
VK2100**



Switches and matrix switches

- full HD and 4K
- single and dual view
- audio return channel
- up to 8 screens / 8 sources
- remote control: IR, serial, OSD

	Interface	Input x Output	Resolution
Switches			
VS261	DVI-I + audio	2 x 1	up to 1920 x 1200
VS461	DVI-I + audio	4 x 1	up to 1920 x 1200
VS481B	HDMI	4 x 1	up to 4096 x 2160
VS482	HDMI	4 x 2	up to 1920 x 1080, dual view
VS0801H	HDMI	8 x 1	up to 1920 x 1080
Matrix switches			
VM0404HA	HDMI	4 x 4	up to 4096 x 2160
VM0808HA	HDMI	8 x 8	up to 4096 x 2160



Easily switch between 4 sources on 2 display devices.

Product VS482



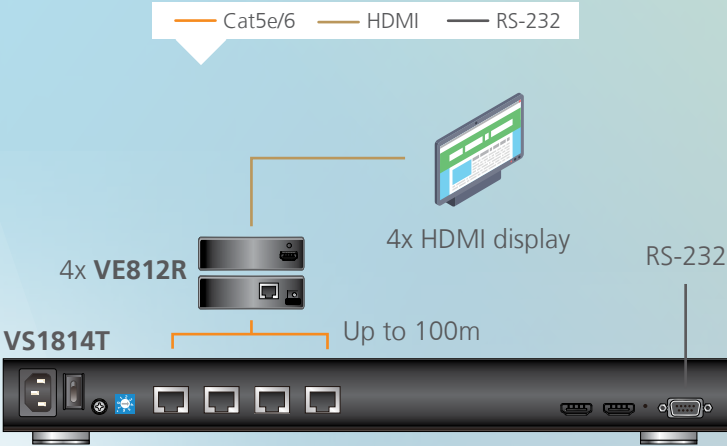
Splitters

- full HD and 4K
- up to 8 screens
- remote control: serial
- up to 100m with HDBaseT (VS1814T, VS1818T)



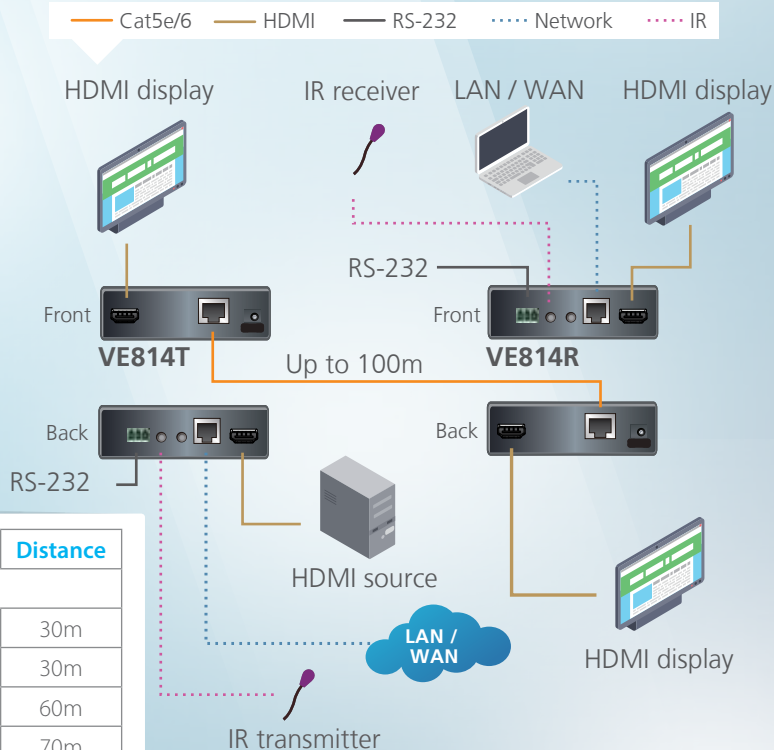
	Interface	Input x Output	Resolution
Splitters			
VS146	3G/HD/SD-SDI	1 x 6	up to 1920 x 1080
VS162 / VS164	DVI-I + audio	1 x 2 / 4	up to 1920 x 1200
VS172 / VS174	DVI-D + audio	1 x 2 / 4	up to 2560 x 1600
VS182A / VS184A	HDMI	1 x 2 / 4	up to 4096 x 2160
VS0108HA	HDMI	1 x 8	up to 4096 x 2160
VS1804T / VS1808T	HDMI, RJ-45	1 x 4 / 8	up to 1920 x 1080
VS1814T / VS1818T	HDMI, HDBaseT	1 x 4 / 8	up to 4096 x 2160

Note: The HDBaseT splitters may require HDBaseT receivers to extend the HDMI signal. ATEN offers various models.



Extenders

- full HD and 4K
- up to 100m with HDBaseT
- power over HDBaseT (VE802)
- USB extension (VE803, VE813)
- remote control: IR, serial (VE802, VE814)
- ethernet, serial and dual view support (VE814)
- matrix function, 5 inputs, 2 outputs (VE829)
- switch / splitter function, 2 inputs, 4 outputs (VE849)



	Interface	Resolution	Distance
Extenders			
VE829	HDMI, WHDI	up to 1920 x 1080	30m
VE849	HDMI, WHDI	up to 1920 x 1080	30m
VE600A	DVI-D + audio, RJ-45	up to 1920 x 1200	60m
VE601	DVI-D, HDBaseT	up to 1920 x 1200	70m
VE803	HDMI, USB, RJ-45	up to 1920 x 1080	40-60m
VE801	HDMI, HDBaseT	up to 4096 x 2160 - 1920 x 1080	40-70m
VE802	HDMI, HDBaseT	up to 4096 x 2160 - 1920 x 1080	40-70m
VE812	HDMI, HDBaseT	up to 4096 x 2160 - 1920 x 1080	70-100m
VE813	HDMI, USB, HDBaseT	up to 4096 x 2160 - 1920 x 1080	70-100m
VE814	HDMI, HDBaseT	up to 4096 x 2160 - 1920 x 1080, dual view	70-100m
VE892	HDMI, Fiber, USB	up to 1920 x 1080	20km



Total digital signage solution

ATEN offers professional audio/video solutions for any setup. Switch, split and extend high quality content over any interface, over short and long distances without being bound by system or software requirements.

