

Riedel ESP-1216HL Expansion SmartPanel

Building upon the technology that powers Riedel's SmartPanel app-driven user interfaces, the new 1200 Series ESP-1216HL expands the 1200 series SmartPanels.

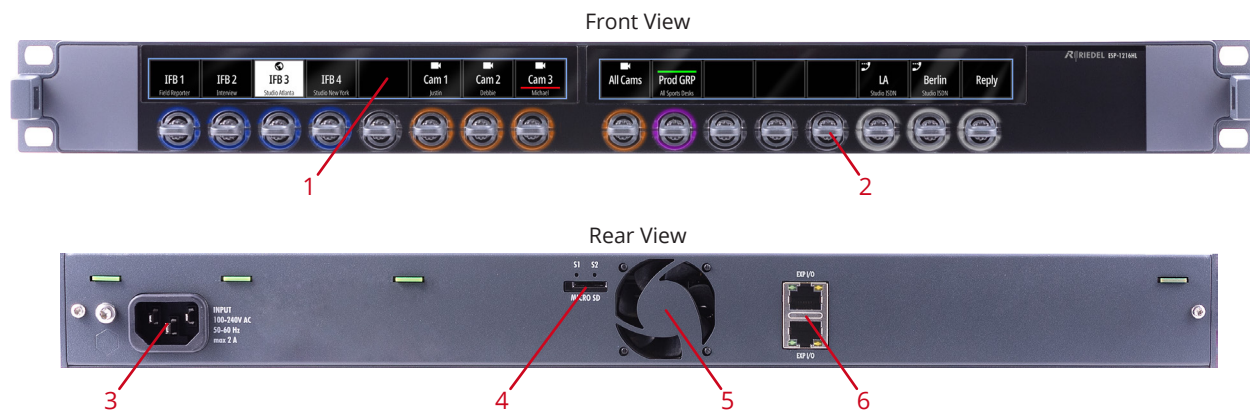
It features two full-color multi-touchscreen displays, 16 innovative hybrid lever keys and the ability to connect up to 6 ESP-1216HL to a RSP-1216HL/RSP-1232HL, resulting in a maximum setup of 128 keys per keyboard.

The ESP-1216HL Expansion SmartPanel is the perfect addition to the RSP-1216HL and RSP-1232HL SmartPanels wherever additional physical keys are required. Each ESP-1216HL adds 16 hybrid lever keys and two touch-sensitive color displays, connected to a 1200 series SmartPanel, allowing setups up to 96 additional keys (when a total of 6 Expansion SmartPanels are connected).

In addition to full-color touchscreens and support for multiple workflows, each of the 16 hybrid lever keys features an innovative integrated rotary encoder that provides control over variable parameters in the same location as the key itself. Each key also has an LED ring which allows for easy grouping of keys based on colors.

Completely new from the ground up, the 1200 Series SmartPanels are Riedel's smartest panels yet! The SmartPanel concept decouples the panel's capabilities from its hardware and turns it into a generic device on which customers can install different apps to enable different capabilities. With a Riedel SmartPanel, you not only get what the panel is capable of today – but also what it will be capable of in the future.

ESP-1216HL SmartPanel



Legend

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|--|---------------------------------|
| 1) 2× Multi-touch Color Key Displays | 4) MicroSD-Card Slot |
| 2) 16× Hybrid Lever Keys with Rotary Encoder & LED Key rings | 5) Fan (temperature controlled) |
| 3) Mains Power Connector | 6) Expansion I/O Ports |

Hardware

Front Elements		
Keys & Rotaries	16× software-assignable lever keys with rotary encoder and push button	
Displays	2× high-resolution, bright color, sunlight readable TFT displays with multi-touch control (capacitive)	
Rear Elements		
IEC	Power Input	
MicroSD-card	1× MicroSD / MicroSDHC card up to 32 GB (for service purpose only)	
RJ45	2× Expansion I/O ports for expansion panels (up to 6 ESP-1216HL can be cascaded with one RSP-1216HL / RSP-1232HL)	
General		
Power	Supply voltage	100 – 240 VAC, 50 – 60 Hz
	Power consumption	≤15 W, ≤50 BTU/hr
Dimensions	Form factor	19", 1 RU
	Width × height × depth	483 (445) × 44 × 138 (95) mm / 19 (17.5) × 1.7 × 5.4 (3.7) " outer dimensions (installing dimensions)
Weight	2.1 kg / 4.6 lbs	
Cooling	Fan noise (temperature controlled fan)	<23 dB(A) idle, 26 dB(A) max. fan speed
	Operating temperature	0 ... +45°C @ 0.7m (noise emission meets GK10 / DIN 15996)
Environment	Storage temperature	-30 ... +80°C
	Humidity	20 ... 90 % relative (non-condensing)
	Max. altitude	3000 m AMSL