

HDMI KVM OVER IP EXTENDER

Model Code: LKV373KVM-M-5.0

The LENKENG LKV373KVM-M5.0 HDMI KVM extender is an IP-based system built on ipcolor STREAM technology, delivering high-definition, low-latency video & KVM control over standard network cables. Using Cat5e, Cat6, or higher-grade Ethernet cables, it supports distances up to 120m (Cat6) with resolutions up to 1920x1200@60Hz. The system supports one-to-one, one-to-many, many-to-one, & many-to-many connections through a gigabit switch, with up to 256 inputs & 256 outputs, controllable via an APP. It allows KVM signal passback for remote keyboard, mouse, & touch operation, with firmware upgradable via Micro USB. Designed for 24/7 operation, it features ESD, lightning, & surge protection, making it ideal for control rooms, command centres, data centres, government, & enterprise environments where reliability & secure signal distribution are essential.

Features:

- Built on ipcolor STREAM technology to deliver high-definition & low-latency transmission.
- Supports up to 1920x1200@60Hz resolution, backwards compatible.
- Compatible with Cat5e/6 or higher-level networking cables, the transmission distance of Cat6 cable is 120m.
- Supports one-to-one, one-to-many, many-to-one & many-to-many connections through the gigabit switch.
- Supports KVM control signal passback.
- Supports 256 signal source inputs & 256 signal outputs.
- Signal sources can be switched via the APP for a flexible many-to-many matrix configuration.
- Firmware upgrading via the Micro USB port.
- Lightning protection, surge protection, ESD protection.
- Supports stable 24/7 operation.



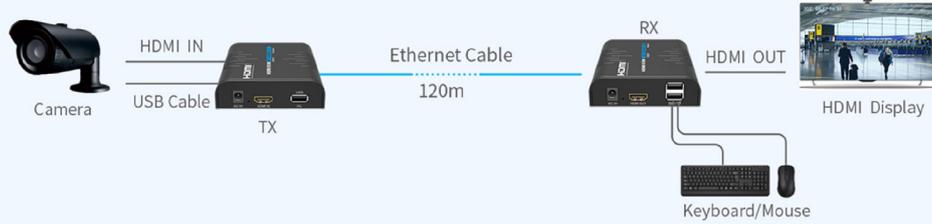
SPECIFICATIONS

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|---------------------------|--|
| HDMI version | HDMI 1.3 |
| HDCP version | HDCP1.4 |
| Video bandwidth | 4.96Gbps |
| HDMI resolution supported | 1080P@24/25/30/50/60Hz, 720P@50/60Hz, 576P@60Hz, 480P@60Hz, 1920x1200, 1680x1050, 1600x900, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600 |
| HDMI connector | Type A , 19 pin, Female |
| LAN connector | RJ-45 |
| Transmission distance | CAT5 80m / CAT5E 100m / CAT6 120m |
| Transmission latency | 80ms ~ 110ms |
| USB | Mouse, keyboard, touch screen |
| Operation temperature | -20°C ~ 60°C |
| Storage temperature | -30°C ~ 70°C |
| Humidity | 0-95% (Noncondensing) |
| Protection | Lightning Protection, Surge Protection, ESD Protection |
| Power consumption | TX<3.5w, RX<2.5w |
| Dimensions | 109.6(L)x89.5(w)x26.3(H)mmx2pcs |
| Weight | TX: 240g, RX: 243g |
| Colour | Black |
| Housing | Aluminium (Top cover); Iron (Bottom cover) |

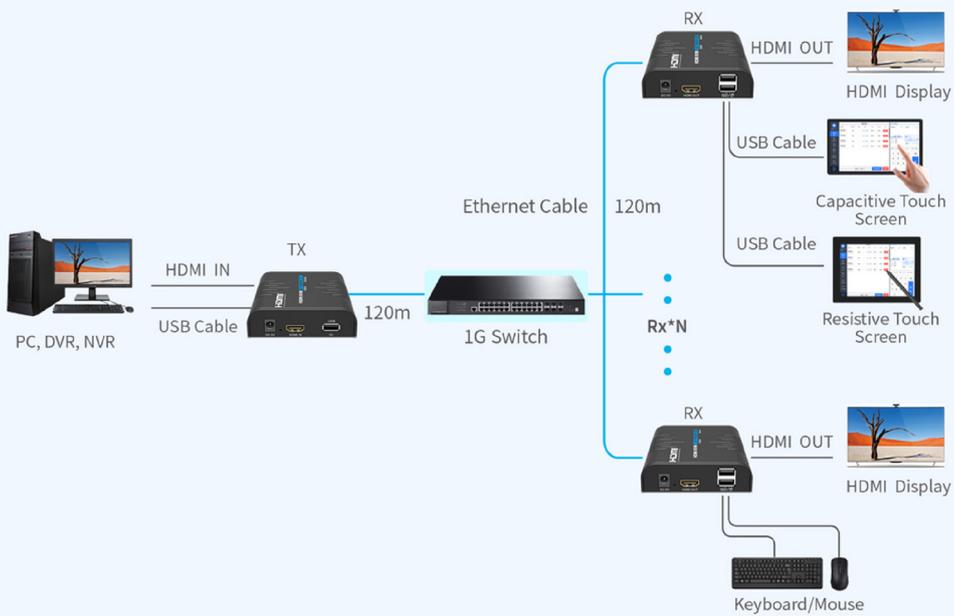
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One-to-one Connection



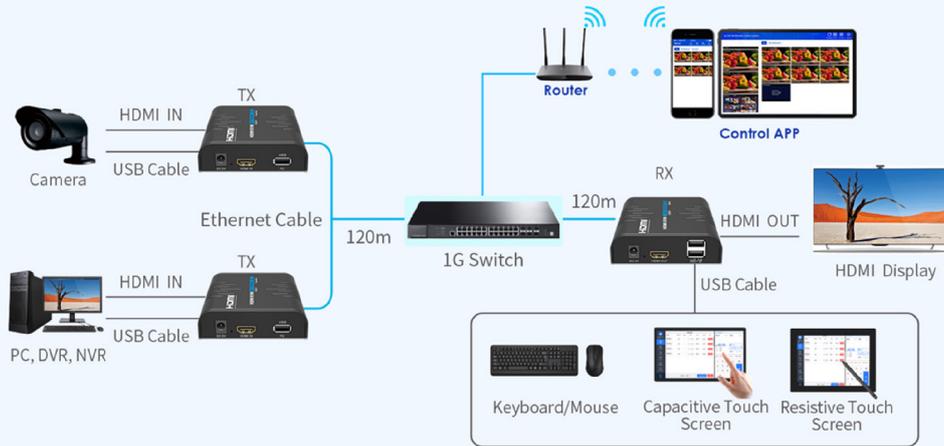
One-to-Many over 1G Switch



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Many-to-One with Free Control APP



Many-to-many Connection with Free APP Control

