

Virtual Full-color Control System



Virtual Full-color LED control System consists of single sending card and multiple receiving cards. The maximum pixel is 1280*1024.

The sending card includes grey level 16384 and grey level 4096 (adjustable). The receiving card has two models, namely 16k and 4k. The model of 16k is grey level 16384, mainly agreeing with the single box of static scanning; also using for the screen of 1/2 and 1/4 scanning 4 rows /zone. The model of 4k is grey level 4096, mainly using for the indoor screen of 1/8 scanning; also using for the screen of 1/16、1/4、1/2 or static scanning.

Main technology index	16K	4K
Single sending card	1024×512	1024×512
Single receiving card with maximum pixel	80×64	256×128
Red, green, blue (separated grey level)	16384	4096
Lightness effectiveness ratio	≥93.40%	≥80.23%
Receiving card scanning frequency	≥300Hz	≥180Hz
Sending card connection frequency	≥60Hz	≥60Hz
Automatic lightness regulation	8	8
Contrast/lightness/color temperature (handoperation adjusting, not effect grey level)	256	256
Installation	Smallness and convenient installation	Smallness and convenient installation
Playing software	LED studio	LED studio
Supporting optical cable	Multi-mode:500m single-mode 10km	Multi-mode:500m single-mode : 10km