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Suggestion for Monitors

1. Bright uniformity

If the brightness in the screen center is made high by the adjustment the optical characteristic of FPD intentionally, the energy efficiencies becomes good, because brightness in the screen center will be the measure.

But brightness uniformity of a screen becomes bad, and operator's eye gets tired, and working hours are spread, and use time of the monitor becomes long consequently.

Therefore brightness uniformity of a screen has to be regulated.

Suggestion:

The 20% eased regulation value is applied to the monitor, which satisfy more than 80% ratio between the max brightness and the minimum brightness of the screen in the 9 portions.

1 2 3

4 5 6

7 8 9

Minimum brightness/max brightness:more than 80% => apply 20% eased regulation value

2. High brightness monitor for outdoor

At the fast food store, When establishing drive-through, the electric power consumption becomes little because store can be done small in the store.

And the high-brightness monitor for outdoors is indispensable for drive-through.

But the electric power consumption is big for a high-intensity monitor.

Suggestion:

High brightness monitor that is more than 1000 cd/m is not applied about this requirement.

Suggested by NEC Display Solutions, Ltd.

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