

### XY700 Intrinsic Safety Explosion-proof Large-screen Display

XY700 series explosion-proof large-screen display is a high-brightness, single color and *intrinsic* safety explosion-proof display developed with application of the latest LED technology, which can **directly communicate with PC, PLC main controller or intelligent controller with communication port, or directly connect to field instrument with pulse output / analog quantity output**, in the form of English texts or numbers or others to carry out uninterrupted safety instructions, operating notification or operating surveillance, so that the operators can freely learn about information on safety or operation of machines, equipments or systems; widely used in security surveillance system, machinery and equipment automatic control system and other systems at dangerous places with explosive gases in petroleum, chemical, light textile, pharmaceutical, metallurgy, electric power and other industries.



#### Features

- ✧ High luminance display, suitable for using in indoor and outdoor
- ✧ Simplified Chinese, English, figure library built-in
- ✧ It supports synchronous display and asynchronous display
- ✧ User-defined protocol: text, real-time display of any necessary displayed characters
- ✧ Modbus protocol: text, real-time display of any necessary displayed characters
- ✧ Set up 32 station numbers in the same system bus.
- ✧ Connect directly with the on-site instrument with output pulse/analogue output (4-20mA)
- ✧ **Can be combined a large-size display by LED units**
- ✧ Safety: suitable for using in the dangerous area with explosive gas Zone 1, Zone 2.

#### Type and specification

- ✧ XY700-F3.75 type      Unit size 304\*152    2 lines, 8 words/line, visible distance of 20 - 30M
- ✧ XY700-P10 type      Unit size 320\*160    1 line, 4 words, visible distance of 50 - 80M

#### Technical parameters

Power supply	220VAC or 24VDC±10%
Power dissipation	< 500W/M <sup>2</sup>
Explosion-proof class	ExibIIBT4 Gb
Operating temperature	-20~60℃ ( Mark specified for others)
Storage temperature	-30~80℃
Environment humidity	10-90%RH (non-condensing)