Optical Fiber Temperature Alarm System

Coal temperature

Pipe temperature

Power temperature

Oil temperature

Warehouse temperature

Optical Fiber Temperature Host

Underground pipe temperature

Tunnel temperature

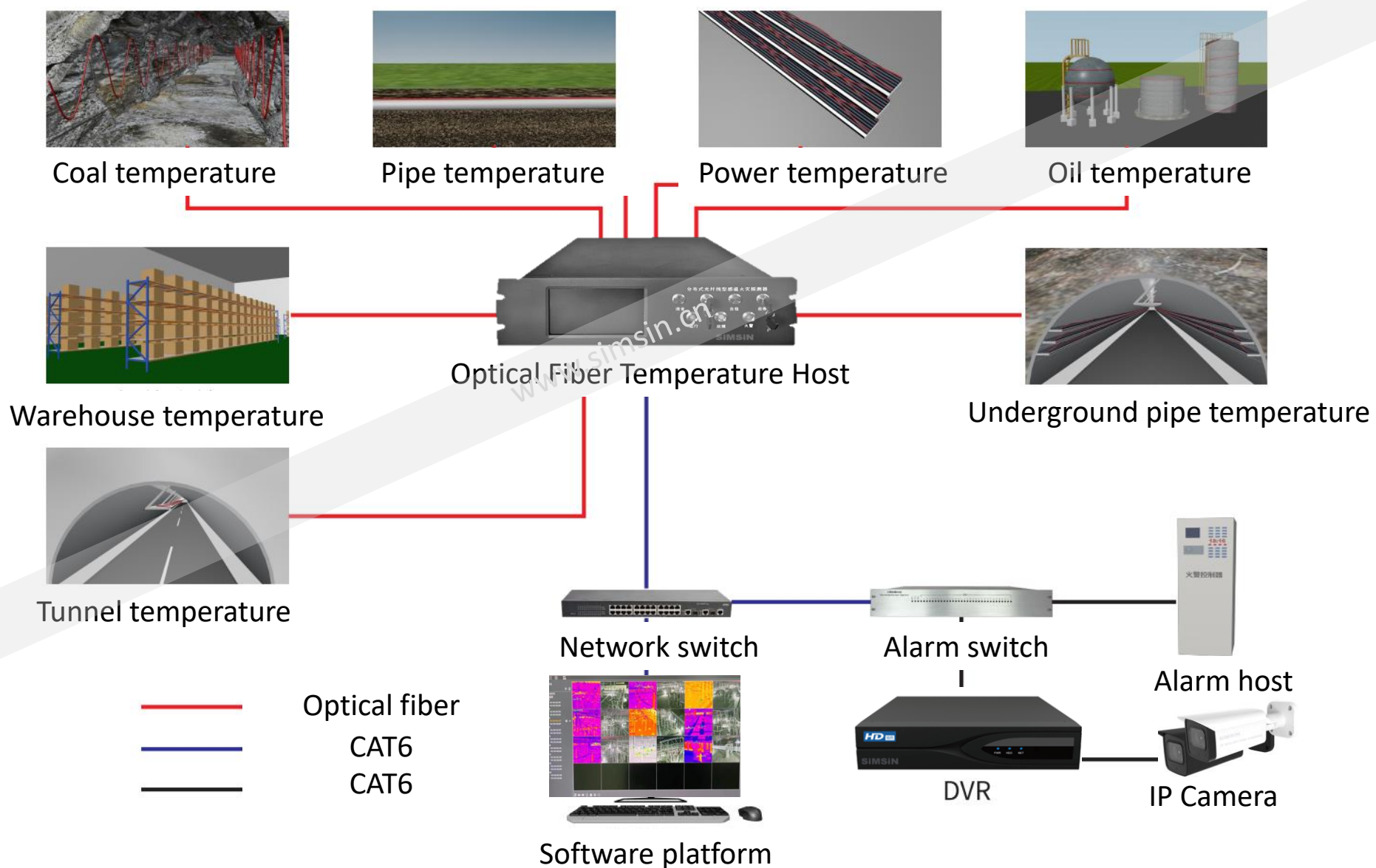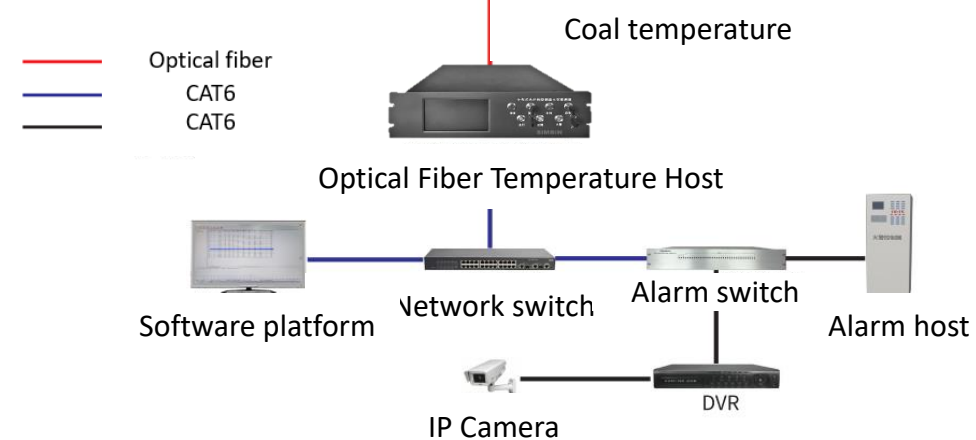|	
Optical fiber	(red line)
CAT6	(blue line)
CAT6	(black line)

Network switch

Alarm switch

Alarm host

Software platform

DVR

IP Camera

Coal temperature alarm system

System description

When the temperature sensing cable is used in the coal mining industry, the laying of the temperature sensing cable is also different according to the different monitoring area. In the goaf, temperature sensing cable is laid along both sides of the goaf. In the well area, the temperature sensing optical cable is laid along the channel pipeline in the well. In the transmission area, the temperature sensing cable is laid along the transmission belt twice or on the ceiling.

Coal temperature

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Optical Fiber Temperature Host

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More information……