



Product leaflet
For
IP Based Integrated Passenger Information System
Specification No. RDSO/SPN/TC/108/2019, Ver.-0.0

Key Features:

The IP Based Integrated Passenger Information System (IPIS) will consist of Central Data Controller (CDC) loaded with software for announcement & display, Remote monitoring Software (RMS), PDC, LED display (TV) and display boards of different sizes like Single Line, Multiline, At a glance, True colour Indoor and outdoor video display, Coach Guidance.

Multiline Display Board to display train information in mono colour i.e. Train numbers, names, time of arrival/departure and platform number. It will show information of up trains/ down trains or both as decided by the purchaser. The multi-line display boards will be placed at the main entrance/ concourse of the station.

The true colour Indoor and Outdoor Video Display shall display train information in multi-colour, commercials, entertainment programs and other information to passengers.

Platform Display Board to display the information about the train scheduled for arrival/departure from that platform i.e. Train number, name, time of arrival / departure in mono colour. The Platform display boards will be placed at suitable places on platforms/ foot-over bridges.

At-A-Glance Display Board for displaying information about the train arriving / departing from that platform along with coach composition in mono colour.

Coach Guidance Display Board to indicate the position of coach No. scheduled for arrival/ departure from that platform for guidance of passengers in mono colour.

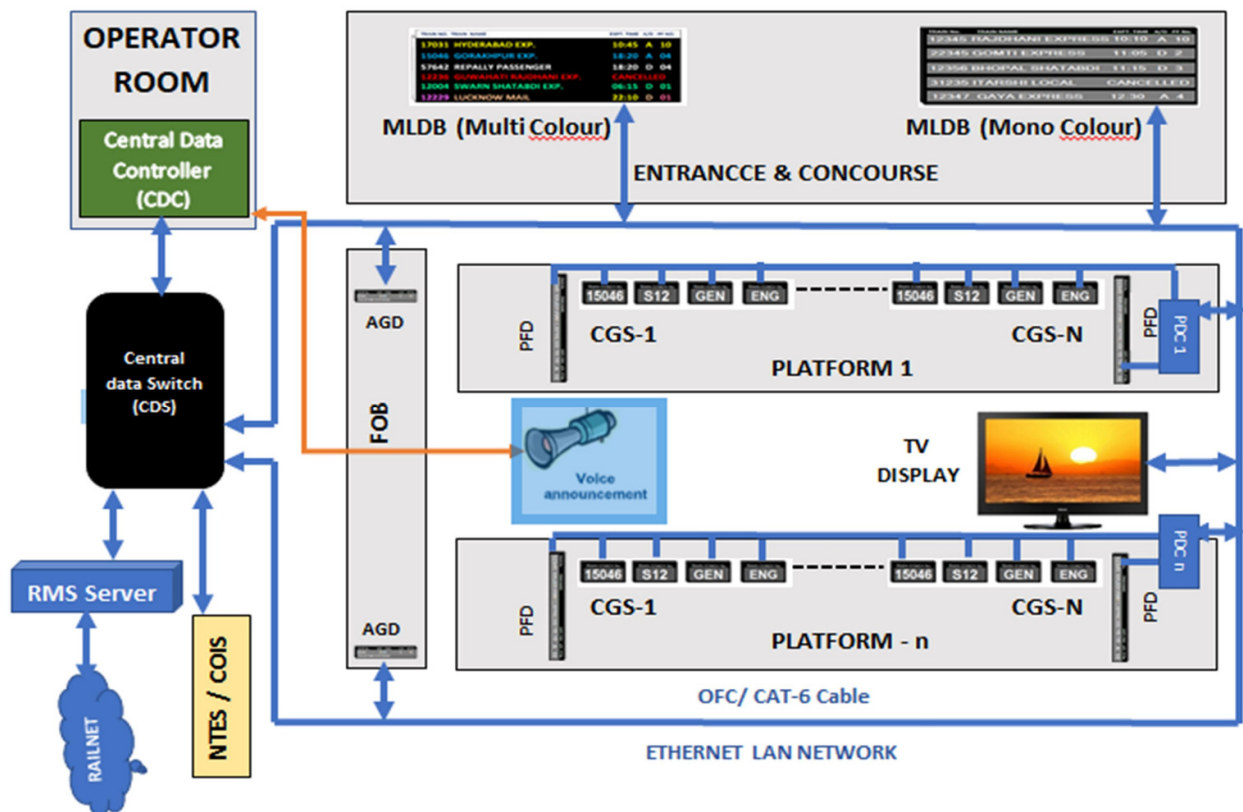
Display Monitor/ LED TV (Industrial grade capable of working 24x7) to display train information being displayed on a Multiline Display Board. The display monitor shall be provided in the enquiry offices, waiting rooms or at any suitable Indoor application only



GENERAL AUTO ELECTRIC CORPORATION

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IPIS System Architecture



Technical Specifications:

Display Board Type	Physical Dimensions in mm
Multi line display board (single colour) (for min 2 lines)	3550(L)± 10X 600 (H) ± 5X150D ± 5-Single sided. 3550(L)± 10X 600 (H) ± 5X200D ± 5-Double sided. Gap between Two Adjacent lines:80±5 increase in 5 height for each additional line: max:240
Single line display board	3550(L)± 10X 600 (H) ± 5X150D ± 5-Single sided. 3550(L)± 10X 600 (H) ± 5X200D ± 5-Double sided.
At a glance display board	2150(L)± 10X 600 (H) ± 5X150D ± 5-Single sided. 2150(L)± 10X 600 (H) ± 5X200D ± 5-Double sided.
Coach Guidance display board	550(L)± 5X 250 (H) ± 5X200D ± 5 (Depth top) & 178 ± 5 (Depth Bottom)



OVD Board Specification				
SN	Description	Specification		
		6-Line	12-Line	18-Line
1	Pixel LED	3-in-1 (RGB) SMD LED		
2	Pixel Resolution (W X H)	432 X 128	432 X 256	432 X 384
3	No Of Lines	6- Line	12- Line	18- Line
4	Color Processing	12-Bit per Color Or More		
5	Line Height	20 Pixel		
6	Scan Rate	1:4 Scan		
7	PCB Thickness	1.6mm $\pm$ 0.16mm		
8	PCB mask & Legend	Black/Green Mask & White Legend		
9	Pitch	10 mm $\pm$ 0.5 mm.		
10	IP Protection	IP 65 front and IP 54 back		

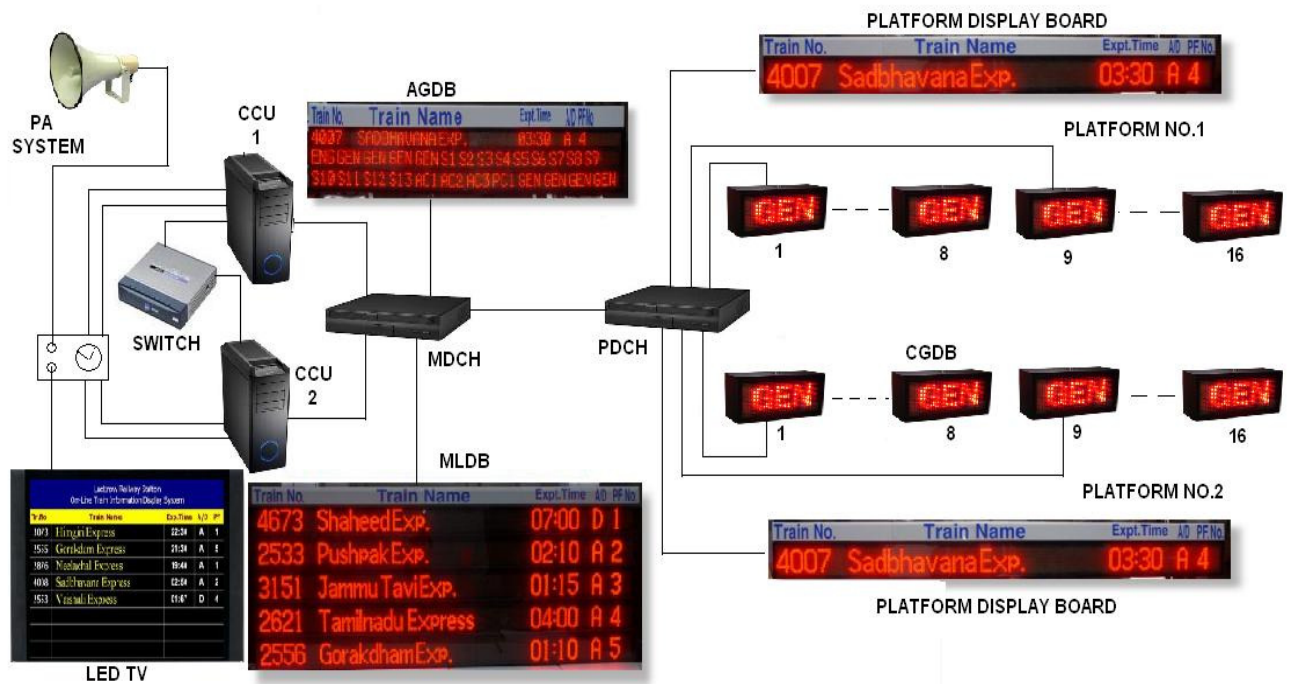
IVD Board Specification				
SN	Description	Specification		
		6-Line	12-Line	18-Line
1	Pixel LED	3-in-1 (RGB) SMD LED		
2	Pixel Resolution (W X H)	432 X 128	432 X 256	432 X 384
3	No Of Lines	6- Line	12- Line	18- Line
4	Color Processing	12-Bit per Color Or More		
5	Line Height	20 Pixel		
6	Scan Rate	1:8 Scan or Better		
7	PCB Thickness	1.6mm $\pm$ 0.16mm		
8	PCB mask & Legend	Black/Green Mask & White Legend		
9	Pitch	7.5 mm $\pm$ 0.5 mm.		



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IPIS System Configuration:



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