

ABOUT US



Newtech COB Video Wall delivers next-generation LED display solutions with outstanding clarity, durability, and performance. Our advanced COB technology offers seamless visuals, high contrast, vibrant colors, and superior reliability for indoor applications. Trusted across corporate, retail, control rooms, studios, and auditoriums, we provide innovative display solutions backed by expert installation and dedicated after-sales support. At Newtech, we are committed to quality, innovation, and creating exceptional visual experiences.

ICCC

Integrated Command and Control Centre (ICCC) is a centralized facility that monitors, manages, and coordinates city operations in real time using advanced technology and data integration. It enhances public safety, traffic management, emergency response, and efficient delivery of smart city services.



CONFERENCE

COB LED screens transform conference halls with ultra-fine visuals, seamless displays, and exceptional clarity for presentations, video conferencing, and corporate eventst

FRONT DESK

COB LED displays elevate front desk and reception areas with seamless visuals, premium image quality, and a modern, welcoming appearance.



TRANSPORT

Transport is the movement of people or goods from one place to another using different modes such as road, rail, air, or water. It plays a vital role in trade, travel, and economic development. Efficient transport systems improve connectivity and save time. Common means of transport include buses, trains, cars, ships, and airplanes.

TECHNICAL SPECIFICATIONS

Features	Minimum Specification	Minimum Specification	Minimum Specification	Minimum Specification
Make	NVS NEWTECH VIDEO SYSTEMS PVT. LTD.	NVS NEWTECH VIDEO SYSTEMS PVT. LTD.	NVS NEWTECH VIDEO SYSTEMS PVT. LTD.	NVS NEWTECH VIDEO SYSTEMS PVT. LTD.
Model Number	NVS-Pixel 0.9 mm	NVS-Pixel 1.2 mm	NVS-Pixel 1.5 mm	NVS-Pixel 1.8 mm
Pixel Pitch (mm)	0.93 mm or lower	1.25 mm or lower	1.56 mm or lower	1.87 mm or lower
LED Package / Technology	Flip Chips COB (Chip on Board) and 100% Bazzle Free	Flip Chips COB (Chip on Board) and 100% Bazzle Free	Flip Chips COB (Chip on Board) and 100% Bazzle Free	Flip Chips COB (Chip on Board) and 100% Bazzle Free
Pixel configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B
Cabinet size	600mm width x 337.5mm height x 39.75 mm depth or better	600mm width x 337.5mm height x 39.75 mm depth or better	600mm width x 337.5mm height x 39.75 mm depth or better	600mm width x 337.5mm height x 39.75 mm depth or better
LED Module size	150 to 300 mm of width x 120 to 170 mm of height	150 to 300 mm of width x 120 to 170 mm of height	150 to 300 mm of width x 120 to 170 mm of height	150 to 300 mm of width x 120 to 170 mm of height
Cabinet resolution	640 x 360	480 x 270	384 x 216	320 x 180
Pixel Density (pixel / sqm)	1137777	640000	409600	284444
Maintenance / Service	Front	Front	Front	Front
Brightness	600 to 800 Nits / (Cd/Mtr Sq)	600 to 800 Nits / (Cd/Mtr Sq)	600 to 800 Nits / (Cd/Mtr Sq)	600 to 800 Nits / (Cd/Mtr Sq)
Brightness Uniformity	More than 98%	More than 98%	More than 98%	More than 98%
Viewing Angle	(H/V) 160°/160° or better	(H/V) 160°/160° or better	(H/V) 160°/160° or better	(H/V) 160°/160° or better
Max Contrast Ratio	10000:1 or better	10000:1 or better	10000:1 or better	10000:1 or better
Redundant Power Supply	Yes, Optional	Yes, Optional	Yes, Optional	Yes, Optional
Signal Redundancy	Yes, Optional	Yes, Optional	Yes, Optional	Yes, Optional
Average Power Consumption (W/m2)	95 W/m² or less	90 W/m² or less	80 W/m² or less	75 W/m² or less
Power Consumption Max. (W/m2)	280W/m2 or less	270 W/m2 or less	260 W/m2 or less	250 W/m2 or less
Input Voltage	AC100-240V, 50/60 Hz	AC100-240V, 50/60 Hz	AC100-240V, 50/60 Hz	AC100-240V, 50/60 Hz
Processing Depth(Bit)	13	16	13	13
Driving Type	54	60	54	40
Refresh Rate	3840 Hz or better	3840 Hz or better	3840 Hz or better	3840 Hz or better
Life Span	100000 hours or better	100000 hours or better	100000 hours or better	100000 hours or better
Cabinet Material	Aluminium Diecast	Aluminium Diecast	Aluminium Diecast	Aluminium Diecast
Operating Temp	(-10 to 45C°) or better	(-10 to 45C°) or better	(-10 to 45C°) or better	(-10 to 45C°) or better
Operating Humidity	10 to 80% or better	10 to 80% or better	10 to 80% or better	10 to 80% or better
IP Rating	IP 65	IP 65	IP 65	IP 65
Installation	Fixed & Front Access	Fixed & Front Access	Fixed & Front Access	Fixed & Front Access
Weight of each cabinet	Should not be more than 6 kg	Should not be more than 6 kg	Should not be more than 6 kg	Should not be more than 6 kg
Certification	CE, BIS,FCC,ROHS	CE, BIS,FCC,ROHS	CE, BIS,FCC,ROHS	CE, BIS,FCC,ROHS