newline
Connect. Create. Collaborate.

TRUTOUCH
VN86

INDUSTRY FIRST OPTICAL BONDING TECHNOLOGY

CAST Present wirelessly from any network with a single click. Share video, links, and files from any device.

BROADCAST Broadcast content or present wirelessly from a personal device, and invite up to 200 participants to connect from their own.

DISPLAY MANAGEMENT Centrally manage and deploy apps, configure settings, use digital signage and broadcast messages to all your Newline displays.

PRODUCT SPECIFICATION

DISPLAY — TT-8618VN

DISPLAY	TT-8618VN
BACKLIGHT	LED
DISPLAY AREA	1895.04*1066 MM
ACTIVE SCREEN SIZE	86 INCHES
DISPLAY RATIO	16:9
RESOLUTION	3840 HORIZ. BY 2160 VERT. PIXELS
DISPLAY COLORS	10-BIT, 1.07 BILLION COLORS
BRIGHTNESS	450NIT
CONTRAST	4000:1
RESPONSE TIME	8MS
VIEWING ANGLE	178°
LIFE TIME	≥30000HRS

SPEAKER

SPEAKER POSITION	FORWARD
MAX.POWER OUTPUT	2 X15W

ELECTRICAL

POWER CONSUMPTION	MAXIMUM <450W STANDBY MODE ≤0.5W
WORKING VOLTAGE	AC 100-240V, 50/60HZ

TOUCH

TOUCH SURFACE	ANTI-GLARE TEMPERED GLASS+ANTI-FINGER PRINT
TRANSPARENCY	88%
SURFACE HARDNESS	7H
HID SUPPORT	HID
TOUCH POINTS	ANDROID 10 TOUCH POINTS
	WINDOWS 20 TOUCH POINTS
WRITING TOOLS	STYLUS, FINGER, ERASER
SCAN SPEED	250HZ
COMMUNICATION INTERFACE	USB-A
TRANSMISSION RANGE	5M

TRANSPORTATION/STORAGE

STORAGE TEMPERATURE/HUMIDITY	-20°C~60°C/20~80%RH(NON COAGULATION)
WORKING TEMPERATURE/HUMIDITY	0°C-40°C/20~80%RH(NON COAGULATION)
MOUNTING (OPTIONAL)	WALL-MOUNTED / FLOOR STAND
OUTLINE DIMENSION	2018X1211X104 MM
PACKING DIMENSION	2155X1320X310 MM
NET WEIGHT	65+/-1.5KG
GROSS WEIGHT	88+/-2KG

PORTS

FRONT INTERFACE INPUTS	HDMI 1.4(4K@30HZ) X 1, USB(TOUCH) X 1, USB(PUBLIC) X 2
AV INPUTS	HDMI 2.0/1.4 (4K@60HZ*2, 4K@30HZ*1) X 3, DP(4K@60HZ) X 1, USB(TOUCH) X 4
AV OUTPUTS	HDMI OUT (SUPPORT 4K@60HZ, 1920X1080@60HZ, 720X480@60HZ)X 1, LINE OUT X1, SPDIF OUT
OTHER	USB2.0(PUBLIC) X 1, USB 2.0 EMBEDDED X 1, RS232 X 1, RJ45 X 2, USB3.0(PUBLIC) X 1, OPS SLOTS(4K@60HZ),DC 5V-2A OUT

SPECIALITY

INTELLIGENT THERMO PROTECTOR	YES
BUILD IN WIFI	2.4G/5G (ONLY AVAIALBLE WITH CE/FCC REGULATRION COUNTRY)

SMART SYSTEM

CHIPSET	MSD828
CPU	ARM A53 X 4 1.4GHZ
GPU	MALI450MP4 (4+2) 600MHZ
RAM	2GB
ROM	8GB
ANDROID VERSION	5.0.1
ANDROID RESOLUTION	4K
INTELLIGENT THERMAL PROTECTOR	AUTOMATIC HIBERNATE WHEN OVER HEATED
INBUILT WIFI	YES
GUI - GRAPHIC USER INTERFACE	THE DISPLAY MUST HAVE GUI FOR EASE ACCESS OF RESOURCES, FUNCTIONS AND SHORTCUTS. THIS GUI SHALL BE ANY PROPRIETARY OS BUT MUST BE COMPUTABLE WITH ANDROID CODING.
DISCUSSION / WHITE BOARD	BUILD-IN WHITE BOARD (SEAMLESS WRITING)WITH DIFFERENT SIZE OF PEN THICKNESS. BUILT-IN OPTION TO IMPORT PICTURE AND ANNOTATE OVER ON THAT. BUILT-IN OPTION TO ACCESS BROWSER IN ANDROID WHITEBOARD

(Features)

NEWLINE CAST	A WIRELESS PRESENTATION SOFTWARE COMES WITH INBUILT FOR INROOM PRESENTATION MAXIMUM CONNECTIVITY OF BYOD DEVICES - 4 / 6 USERS (ANDROID 4 USER / WIN 6 USER) CONTROL - THE SETUP SHOULD BE IN SUCH A WAY THAT THE PRESENTER SHOULD HAVE CONTROL OF THE GUI OF THIS REMOTE INTERACTIVE PRESENTATION KIT FROM THE TOUCH INTERACTIVE FLAT PANEL DISPLAY DISPLAY CAPABILITY - EQUIPMENT SHOULD HAVE CAPABILITY TO DISPLAY 4 /6 SOURCES AT A TIME SYSTEM SUPPORTED - WIN/MAC/IOS/ANDROID
NEWLINE DISPLAY MANAGEMENT	CENTRALLY MANAGE ALL YOUR INTERACTIVE DISPLAYS EASILY MANAGE AND DEPLOY APPS, CONFIGURE DISPLAY SETTINGS, ADD LICENCES, USE DIGITAL SIGNAGE FEATURES OR BROADCAST EMERGENCY MESSAGES TO ALL NEWLINE INTERACTIVE DISPLAYS, WITHOUT EVER HAVING TO LEAVE YOUR DESK.
NEWLINE BROADCAST	SHARE CONTENT TO AUDIENCES OF ANY SIZE HASS E-FREE BROADCASTING JOINING THE BROADCAST IS SIMPLE: ACCESS THE BROADCAST WEBPAGE AND SHARE YOUR SCREEN IN REAL-TIME FROM YOUR NEWLINE DISPLAY TO ANY PARTICIPANT CONNECTED. EASILY INVITE UP TO 200 PARTICIPANTS TO CONNECT THEIR OWN DEVICE FROM THE MEETING ROOM, CLASSROOM, LECTURE THEATER OR ANY OTHER PLACE IN THE WORLD WITH A NETWORK CONNECTION.
OTHER FEATURES	THE ONBOARD SYSTEM SUPPORTS….ANNOTATION, SAVING AND SEND EMAIL OF ANNOTATION FILES AND SELECTING THE INPUTS AND CHANGING THE VOLUME , SCHEDULING FUNCTION FOR MEETING ROOM SCHEDULES , BUILDIN WIFI(2.4G/5G) AND SO ON
FILE COMMANDER	HELPS TO EASILY OPEN YOUR USB DRIVE AND ACCESS YOUR DOCUMENTS / FILES . ADDITIONAL FEATURES IN FILE COMMANDER : ADD CLOUD : CLOUD BASED FILE STORAGE SERVICES ARE AVAILBALE . USER CAN DIRECTLY DOWNLOAD THEIR DOCUMMETS OR FILES AND ACCESS DURING PRESENTATION. FTP : FILE TRANSFER PROTOCOL (FTP) IS THE COMMONLY USED PROTOCOL FOR EXCHANGING FILES OVER THE INTERNET LOCAL AREA NETWORK : A LOCAL AREA NETWORK (LAN) IS A GROUP OF COMPUTERS AND ASSOCIATED DEVICES THAT SHARE A COMMON COMMUNICATIONS LINE OR WIRELESS LINK TO A SERVER.
EMAIL SUPPORT	PRE LOADED AQUA MAIL - YOU CAN EASILY EMAIL YOUR WHITEBOARD CONTENT TO ANYONE
BUSINESS CALENDAR	A PRE LOADED BUSINESS CALENSER IS AVAILABLE YOU CAN SET SCHEDULES AND SYNCHRONIZE WITH GOOGLE CALENDAR FOR MEETING ROOM SCHEDULES
CUSTOMIZED GUI	USER CAN EASILY CUSTOMIZED THEIR OWN BACKGROUND AND LOGO'S
MULTIMEDIA FILE FORMATS SUPPORTED	SUPPORT ALL MAJOR TYPES OF MULTI-MEDIA FILES
OBJECT REGONISATION	THIS PRODUCT SUPPORTS OBJECT RECOGNITION AND PRODUCES DIFFERENT EFFECTS ACCORDING TO THE DIAMETER AND SIZE OF THE INPUT OBJECTS. ● FIST/PALM: IDENTIFIED AS AN ERASER (100 PT). ● FINE PEN (3MM): SUGGESTED TO USE WHILE WRITING. ● THICK PEN (≥ 8 MM)/ FINGER: SUGGESTED TO USE WHEN YOU WANT TO HIGHLIGHT
SMART EYE PRODUCTION	SMART EYE PROTACT KEEP YOUR EYE VISION SAFE FROM IFPD'S LIGHT
BLUE LIGHT FILTER	BLUE LIGHT CONTRIBUTES TO DIGITAL EYE STRAIN; IFPD'S GLASSES THAT BLOCK BLUE LIGHT MAY INCREASE COMFORT FOR USERS
OTA (OVER-THE-AIR) UPDATE	UPGRADE THE LATEST FIRMWARE FOR YOUR DISPLAYS THROUGH OUR OTA UPDATE SUPPORT AND KEEP THEM RUNNING SMOOTHLY AT ALL TIMES
OPS PC	AVAILABLE

CERTIFICATES

REGULATIONS	BIS,EMC,ERP,FCC,LVD,RED,UL NOTICE OF AUTHORIZATION,CB

BUILT-IN APPS — Everything you need to schedule meetings, manage e-mails, save and open files with the cloud and work on documents, all with Newline's built-in apps. Collaborate locally and remotely, easily`

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HiteVision

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