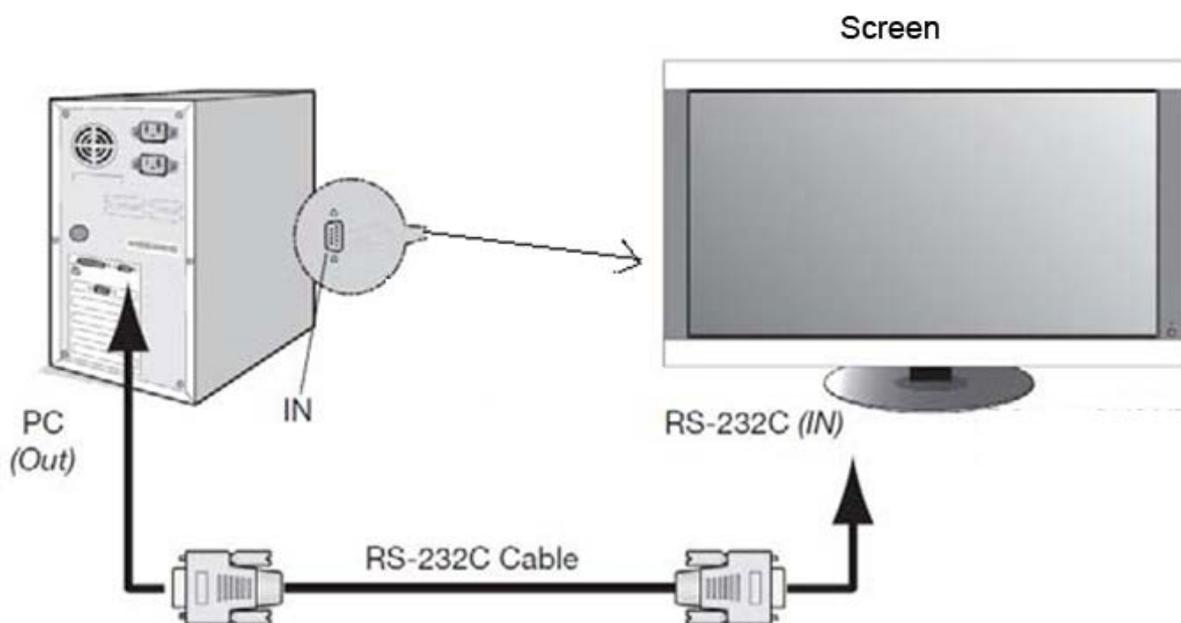# RS-232 Protocol Specification
(MeetingPad- 828)
05.02.2018

RS-232 Control

You can control this monitor by using a personal computer with RS-232 terminal. RS-232 data is transmitted between devises through a DUB9 Cable.

RS-232 Data Flow (using by 9P RS-232 Cable)

You can control this monitor by using a personal computer with RS-232 terminal. RS-232 data is transmitted between devises through a DUB9 Cable.

COM Port Settings

Protocol	RS-232
Baud Rate	115200bps
Data Bits	8 Bit
Parity Bit	None
Stop Bit	1 Bit
Flow Control	None
Communication Code	HEX

Control OSD Command Format

The code format needs to be HEX.

Commands	SOH	Message	Message	ID	Sum	End
Home	99	23	00	01	FF	AA
Power Off	99	23	01	01	FE	AA
Power On	99	23	80	01	7F	AA
Mute	99	23	02	01	FD	AA
Sound Mode	99	23	03	01	FC	AA
Picture Mode	99	23	04	01	FB	AA
CVBS	99	23	08	01	F7	AA
YPbPr	99	23	0A	01	F5	AA
VGA	99	23	0B	01	F4	AA
HDMI 1	99	23	0E	01	F1	AA
HDMI 2	99	23	0F	01	F0	AA
HDMI Front	99	23	10	01	EF	AA
OPS	99	23	11	01	EE	AA
DP	99	23	09	01	F6	AA
Menu	99	23	12	01	ED	AA
Input	99	23	13	01	EC	AA
Exit	99	23	14	01	EB	AA
Eco	99	23	15	01	EA	AA
Volume Up	99	23	17	01	E8	AA
Volume Down	99	23	18	01	E7	AA
Display Settings	99	23	1C	01	E3	AA
Display Ratio	99	23	1E	01	E1	AA
Sleep Timer	99	23	1D	01	E2	AA
Up	99	23	22	01	DD	AA
Down	99	23	23	01	DC	AA
Left	99	23	24	01	DB	AA
Right	99	23	25	01	DA	AA
Confirm/Play	99	23	27	01	D8	AA
Status Check	99	23	28	01	D7	AA

Status Check

Command: 99 23 28 01 D7 AA

Respond：
0x99, 0x01, 0x01, Surce, Volume, Source, Sound Mode, 01, AA

RS-232 Protocol Specification

HDMI 1	0x0E
HDMI 2	0x0F
HDMI Front	0x10
CVBS	0x08
YPbPr	0x0A
VGA	0x0B
OPS	0x11
DP	0x09

Sound Mode:

Standard	0x01
Music	0x02
Movie	0x03
Sports	0x04
User	0x05

Why Choose Our Commercial Display Solutions?

Lifetime Technical Support

From the moment you receive your product, throughout the duration of your warranty and even after your warranty has expired we are here to support you. If you require any assistance setting up or using your product, or have any problems at all, we can provide free technical support via telephone and email.

On-site Support and Maintenance*

If needed, we can provide an installation service for any of our products. We can also set up service-level agreements for larger projects that require maintenance contracts.

Extended Warranty*

All of our commercial display products come with a 3 year commercial warranty as standard but if you want to extend this you can upgrade this to cover a 5 year period at point of purchase.

Training

As well as providing free remote CMS training sessions and webinars we can also visit you to deliver bespoke training for our software and hardware*.

Advanced Replacements†

Should your display suffer from any kind of hardware failure during the warranty period we will send you an advanced replacement and arrange for your old display to be collected, free of charge. This ensures no downtime where you are without a screen.

Custom Product Testing & Configuration

If you need us to test third party software or a website, or configure your screen in a particular way before it is dispatched (e.g. in a particular orientation or network mode), we can do so to make your life easier.

3D Rendering

Want to know how a particular screen will look once installed? Send us a photo of the location and we will create a 3D rendering of any screen in situ to help you to visualise how amazing it will look.

Logistics Support

We hold more stock in our UK warehouse than any other manufacturer so we can help you meet tight deadlines. For last minute orders we can also offer special express or morning delivery options*. We also carry out UK based quality control checks on every display before it leaves our warehouse.

Project Support

If you need to loan a sample unit to test we'd be more than happy to arrange this. We can also provide a rental service for temporary projects*.

Customisation*

Your display can be customised to suit your requirements by adding your logo or printed graphics or even tailoring the colour of a display. We can also carry out hardware modifications to existing products or manufacture bespoke solutions for special projects.

Extras*

As well as being able to provide accessories and add-ons, such as extra remote controls, NUC PCs and video wall controllers, we can also supply custom made flight cases which are great if a display needs to be moved safely from place to place.

†UK mainland only
*These particular services may incur additional charges