



These are the components of the Lottery's video gaming system including the Video Lottery Terminals (VLT) and iLINK and Router and Switch:

Component Definitions:

VLT: A player operated terminal. Terminal types are listed in the table below.

iLINK: Control point for the video gaming system. Validates tickets for payment and provides accounting and information reporting.

Router: A network device used to direct electronic communication from one device on a network to another device on a network.

TERMINAL TYPE	Height (In Inches)	Width (In Inches)	Depth (In Inches)	Weight (In Pounds)	VAC	Full Load AMP
IGT TrimLine	75.5	27.75 (32)	23 (37)	300	110-122	6.0 A
IGT E20	82.25	28 (31)	22.5 (33)	300	108-132	6 A
Bally V32	75	28	22.3 (36.5)	288	110-122	6.3 A
Spielo prodiGi	76.5	28 (33)	22 (34)	265	100-120	3 A
Spielo Oxygen	76.5	28 (34)	23 (34)	290	100-132	3 A
Router 1841	1.75	13.5	10.5	6.41	120	1.0 A
Adtran Century Link Router	4	18	10	6	100-240	1.5 A
Router/Frontier	2	9.5	6.5	2	100-240	.6 A
HP Router/Switch	2	9.5	6.5	2	100-240	.7 A
iLINK/Stand	15.6 / 11	15.4 / 11	3.9 / 11	16 / 7	100-132	1.0 A
iLINK printer	9	8	13	7	100-132	1 A
Cradlepoint	4.8	4.8	1.65	1	12VDC	1 A
PoE Adapter/ Cradlepoint	3.5	2.25	1.5	1	48V	0.5 A

Note: Measurements in parenthesis indicates when the door is open.

Ambient air temperature must be maintained between 40° – 100° F at all times.

Space Requirements: OSL recommends a 4'X6' foot print for each VLT in a Video play area, if a 4'X6' footprint is unattainable, OSL will encourage a minimum of 6 inches of space between VLT bases. All VLTs must be readily accessible for service. Retailers must ensure at least one VLT be wheelchair accessible. Wheelchair accessibility is defined as having a 60"X60" unobstructed area in front of the VLT.

System Wiring Requirements: The retailer is responsible for installing dedicated power and Cat 5e from the router area to the VLT area for new installs, remodels or relocations of equipment. Lottery requires Category 5e, plenum rated where required, UTP copper wiring that adheres to 568B wiring termination standards, including a face plate or biscuit which will be terminated with an RJ45 connector at each end of the cable. If installing conduit for Cat 5e wiring, it must be a minimum ½” ID with a minimum bend radius of 3”.

- Use of a licensed electrical contractor to obtain all permits and install all electrical service wiring is recommended. Unauthorized alteration, repairs or tampering with telephone, data or electrical service may result in interrupted service and a charge for repairs.

Input Power and Outlets: Video system components require 3 dedicated 20 amp circuits. Outlets are three wire grounded standard wall outlets. The number and location of the video system components determine the number of outlets.

It is suggested if **Neon Signage** is used to be at least 10’ from the VLT’s to reduce Touch Screen interference.

Install a faceplate or biscuit device at each end of the Cat 5e cable run, one near the HP or Cisco router end and one near the VLT switch end. A faceplate, biscuit or a combination of both maybe used at each end.

- Ensure that the distance between the HP or Cisco router and corresponding biscuits or faceplate is 3 feet or less. (**Note:** Any exceptions to this item will need to be approved by Lottery prior to work being completed.)
- Ensure that the distance between the VLTs and corresponding biscuit or faceplate in the VLT Area is 5 feet or less. (**Note:** Any exceptions to this item will need to be approved by Lottery prior to work being completed.)
- Oregon Lottery has labeling standards for each faceplate and or biscuit installed that need to be adhered to. Each faceplate/biscuit will need to be labeled with the following information:
 - **OSL Cat 5e**
- Provide opportunity for Lottery retailer to select from the following Lottery standard colors for faceplates or biscuits: White, Beige, Black/Dark Brown.

Your Area Coordinator will contact you to schedule a meeting with your licensed electrical contractor and Lottery representatives to plan the installation of the video gaming system.

To schedule VLT terminal relocations, contact your Area Coordinator at **1-800-766-6789** two weeks prior to the move.

Typical Wiring Diagram

